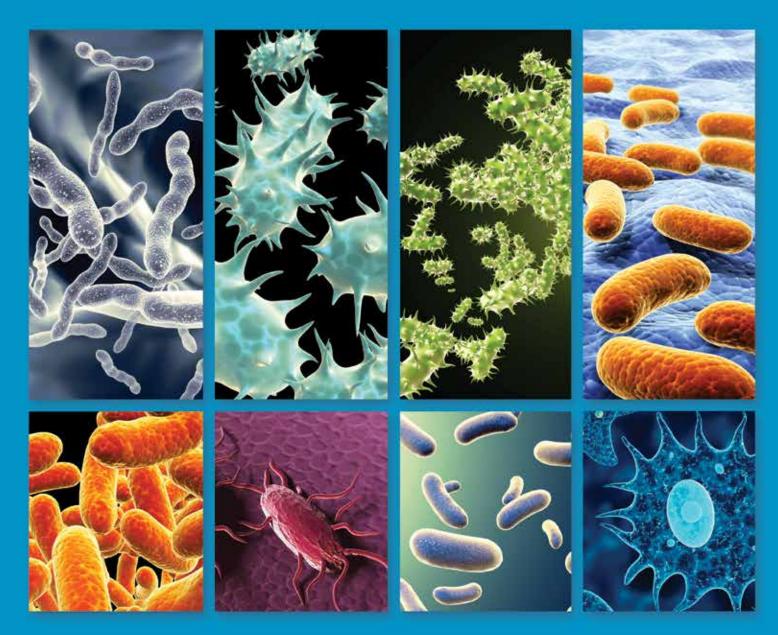
THE LAB BOOK

SOLUTIONS FOR FOOD, BEVERAGE, AND WATER TESTING



WEBER SCIENTIFIC

2024 - 2025 CATALOG

Weber Scientific is a leading supplier to the food and beverage industry. We help facilitate quality control by making the acquisition of testing supplies as easy and affordable as possible.



WEBER SCIENTIFIC

Receive Your Order Within 1 and 3 Days to Any Location in the Continental United States at No Extra Cost With Our 1-2-3 Day Delivery Program.

When you order from Weber Scientific we will route it so that your order arrives at your facility within 1, 2 but never more than 3 business days. Any upgrade in the level of service over basic UPS or FedEx ground service will be done at **our expense - not yours!**

This expedited routing program will ensure prompt delivery to any location in the continental U.S. — all at no extra cost.

See more about the 1-2-3 Day Delivery Program at weberscientific.com/shipping-information

Icons of special interest

Look for these specially designed symbols that point out products of special interest:



Products which are available exclusively from Weber Scientific.

Products identified by this icon indicate only the first case — of multiple case orders — will be upgraded to UPS 3 Day Select service (where applicable). The remaining cases will ship by ground and you should receive them within 1 - 3 days of receiving your first case.



Products with this symbol must ship as hazardous materials (HAZMAT). Please contact our Customer Service department for additional details about HAZMAT shipping requirements and surcharge fees. In general, current HAZMAT fees apply whenever shipped by either UPS or FedEx. To avoid most HAZMAT fees, if your order contains hazardous materials that require four or more shipping cartons, we will route via common carrier, which may not have any, or have greatly reduced, HAZMAT fees. Additionally, some products identified as HAZMAT may qualify for "Limited Quantity" regulations, eliminating the need for HAZMAT fees. HAZMAT orders are exempted from our 1-2-3 Day Delivery Program.



Products ship on ice in a foam box.
 Ice shipments cannot be over weekends.
 Feel free to contact Customer Service for specific details.

Standing Orders

We recommend placing a standing order for products that you regularly purchase to qualify for quantity discounts, lower your administrative burden, and better ensure availability. Contact our customer service team at **800-328-8378** to secure your standing order today.

Pricing

All prices are current at the time of publication, but are subject to change without notice. To check the most up to date prices, see our web catalog at **www.weberscientific.com**.



Order with complete confidence with our no-nonsense 100% Satisfaction Guarantee! If you are not totally satisfied, call our customer service department at 800-328-8378 within 30 days for replacement or return authorization.

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HOW TO ORDER FROM WEBER SCIENTIFIC













ONLINE: weberscientific.com E-MAIL: info@weberscientific.com

VIS







Allergen Residue Testing



AllergenControl[™] Lateral Flow Devices Detection Kits (Microbiologique) **№**

Reasons why AllergenControl kits are special

WEBER SCIENTIFIC

- Added security of Competitive line to prevent false negatives. Some Lateral Flow Devices (LFD's) can give false negatives when high levels of food allergen are present in the sample. This system uses a third line to overcome this problem.
- Avoid waste. Kits are available for either environmental surface tests or food product tests. Buy only what you need.
- Wide range of kits available for specificity. For example, you can choose from total milk, casein or beta-lactoglobulin residue, or many other available tests.
- Doesn't need refrigeration store between 36° to 77°F (2° to 25°C).
- Simple to use no reconstitution of reagents simply extract and run.
- · Samples are tested against supplied known controls.
- Heat-stable protein allergens are detected.

Detection Kits are available for:

Beta Lactoglobulin	Casein
Sesame	Peanut
Soy Milk	Coconut
 M-Gluten 	 Almond
 Macadamia 	 Pistachio
Pinenut	Additional Kits
Brazilnut	available by request
	 Sesame Soy Milk M-Gluten Macadamia Pinenut

Food Test Kits

25 Tests/Kit

3666-03

3666-05

3666-07

3666-09

3666-13

3666-15

3666-17

3666-19

3666-23

3666-25

3666-27

3666-29

3666-31

3666-33

3666-89

3666-87

3666-86

3666-88

3666-90

10 Tests/Kit

3666-53

3666-55

3666-57

3666-59

3666-63

3666-65

3666-67

3666-69

3666-73

3666-75

3666-77

3666-79

3666-81

3666-83



Performance characteristics

All kits come in either a food or environmental format Verified to avoid cross-reactivity 1 year shelf life from date of manufacture

Assay principles

Environment Test Kits

25 Tests/Kit

3666-04

3666-06

3666-08

3666-10

3666-14

3666-16

3666-18

3666-20

3666-24

3666-26

3666-28

3666-30

3666-32

3666-34

3666-43

10 Tests/Kit

3666-54

3666-56

3666-58

3666-60

3666-64

3666-66

3666-68

3666-70

3666-74

3666-76

3666-78

3666-80

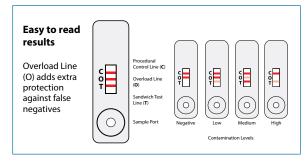
3666-82

3666-84

3666-93

3666-85

The AllergenControl residue LFD features polyclonal antibodies directed against targeted proteins configured in both sandwich and competitive formats. To operate the kit, the sample is first subjected to a short extraction step. The sample extract is then directly applied to the lateral flow device sample port, where it is allowed to migrate across the reagent zone thus enabling visualization of the Sandwich Test Line (T) and Overload Line (O) results. In addition, the reagent zone includes a Procedural Control Line (C) to minimize the potential for false negative outcomes.



	10 Tests/Kit	
Buy 1-5	152.15	
Buy 6-7	141.28	
Buy 8+	130.41	

	25 Tests/Kit	
Buy 1	380.36	
Buy 2	353.20	
Buy 3+	326.03	

ALLERGE

2

Total Milk

Casein

Peanut

Soy Milk

Coconut

M-Gluten

Almond

Cashew

Macadamia

Crustacean

Pinenut

Sesame

Hazelnut

Brazilnut

Walnut/Pecan

Pistachio

Egg

Soy

Beta Lactoglobulin

WEBER EXCLUSIVE (FIRST CASE UPGRADE

HAZARDOUS MATERIALS 🛛 💥 SHIPS ON ICE

Allergen Residue Testing



The ELISA SYSTEMS Food Allergen Test Kits

Perfect for high volume allergen testing

High quality kits that can be used for both quantitative and/or qualitative analysis of food and environmental surfaces.

Food manufacturers protect those with food allergies by clearly labelling their products with a list of ingredients. Testing for the presence of components ensures food manufacturers that an unlabelled and potentially dangerous ingredient did not make its way unintentionally into a product during manufacture.

ELISA SYSTEMS is a world leader in the development of Food Allergen Test Kits, and their ELISA kits are manufactured in a facility that maintains a quality management system certified to ISO9001.

All ELISA SYSTEMS reagents are supplied in liquid format, which is easy to use and reduces cross-contamination risk.

Key benefits

- Fast
- Simplified ELISA testing
- Samples are tested against known controls
- Heat stable protein allergens are detected

Target protein, range of kits in ppm, incubation time vary by kit. Find this and more information at weberscientific.com/elisa-systems

Item No.	Mfr. Item No.	Residue Detection Kit	Qty	Your Cost
3766-31	ESALMK-48	Almond Drink Protein	48 tests	391.67
3766-01	ESARD-48	Almond	48 tests	391.67
3766-05	ESBWPRD-48	Buckwheat	48 tests	391.67
3766-09	ESCRURD-48	Crustacean	48 tests	391.67
3766-37	ESEGGPR-48	Processed Egg	48 tests	416.67
3766-39	ESGLT3-48	Generation 3 Gluten	48 tests	391.67
3766-33	ESHZMK-48	Hazelnut Drink Protein	48 tests	391.67
3766-15	ESHRD-48	Hazelnut	48 tests	391.67
3766-17	ESLFP-48	Lupin	48 tests	391.67
3766-21	ESMUS-48	Mustard	48 tests	391.67
3766-42	ESOAT-48	Oat Protein	48 tests	391.67
3766-27	ESPRDS-48	Sensitive Peanut	48 tests	391.67
3766-23	ESSESE-48	Sesame	48 tests	391.67
3766-35	ESSMLK-48	Soy Drink Protein	48 tests	391.67
3766-25	ESSOYPRD-48	Soy	48 tests	391.67
3766-03	EB52110	Beta Lactoglobulin	48 tests	391.67
3766-07	EC52310	Casein	48 tests	391.67
3766-19	EM52210	Total Milk (Casein & Beta Lactoglobulin)	48 tests	391.67
Accessorie	25			
3766-44	ESSWB-10	Food Allergen Swab Kit		79.17
3766-29	ES53510	Extraction Solution for Samples Containing Polyphenols (fruit juices, dark chocolate, wine, herbs and tannins)		21.43













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Any food business with a HACCP Plan should have an Allergen Control Plan

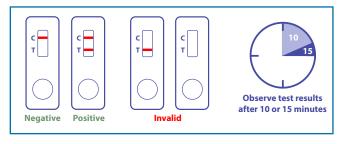
Need help deciding on the best products for your Allergen Control Plan? The right products can be different based on what you're testing, how often you're testing, and your unique workflow. Let the experienced team at Weber Scientific suggest the best items for your facility's Allergen Control Plan when you email us at **info@weberscientific.com**





Kit Components: OnSite® LFD Devices, Single-Use Droppers, Breakaway Swabs, Pre-Measured OnSite® LFD Extraction Buffer, Instructions for Use

Interpretation of Results:



OnSite® Allergen: Multiplex Tree Nut (Microbiologique)

Quickly detect traces of almond, cashew, hazelnut, pecan, pistachio, and walnut — with a single test.

The simple solution for anyone working with multiple tree nuts, **OnSite**[®] **Allergen Multiplex Tree Nut** is a rapid, qualitative test designed to detect tree nut protein in rinsewater and on surfaces. The test can simultaneously detect almond, cashew, hazelnut, pecan, pistachio, and walnut residues. To a lesser degree, the test can also detect coconut residues. Results obtained using these tests can be used as part of an effective Allergen Control Plan.

Each rapid test kit includes lateral flow devices (LFDs) that detect specific food allergens in rinsewater and on environmental surfaces. This kit relies on the use of polyclonal antibodies (pAbs) directed against the target allergens. It is configured with a test line (T) and a procedural control line (C). The test line (T) will produce a red line at low to medium levels of contamination, whether that contamination is from one or several target proteins. The procedural Control Line (C) should always produce a red line, regardless of the analyte concentration. Failure for this line to appear indicates a failure of the mixture to migrate across the membrane.

To operate the kit, a rinsewater sample or surface swab is first extracted for 2 min with shaking. Then, approximately 100μ L of settled sample extract is applied to the sample port, where it will begin to react with gold particles conjugated to the polyclonal antibodies. The mixture will then migrate across the membrane thus enabling visualization of the test line (T) and procedural control (C). The test outcome is interpreted by visualizing the appearance of these lines at 10 or 15 minutes based on desired LOD.

Key Features:

- · Test works on surfaces and rinsewater
- · Simultaneously detects almond, cashew, hazelnut, pecan, pistachio, walnut
- Detects as little as 1-5mg/kg (ppm) of tree nut protein in rinsewater or 10µg/100cm² on surfaces
- Sensitive to coconut protein at levels above 50 mg/kg (ppm)
- · Requires no equipment
- · Results in less than 20 minutes

Item No.	Description	Unit of Measure	Your Cost
3667-30	Multiplex Tree Nut Lateral Flow Test Kit	Pack of 10	290.00

ALLERGEN RESIDUE TESTING

💦 WEBER EXCLUSIVE 🛛 🕅 FIRST CASE UPGRADE 🛛 🕀 HAZARDOUS MATERIALS

RDOUS MATERIALS 🛛 🏙 SHIPS ON ICE

Allergen Residue Testing

AllerSnap Allergen Prevention Surface Test (Hygiena)

AllerSnap is a quick and easy way to accurately monitor the cleanliness of surfaces to help ensure product quality.

AllerSnap detects protein residues left on a surface after cleaning. Simply swab a surface,

Chapters

release the reagent and if protein residue is present the reagent will turn purple. The color change provides a semi-quantitative measure of the surface cleanliness. The more contamination present, the quicker the color change to purple and the darker the color. AllerSnap quickly validates the hygiene of a surface, allowing immediate corrective action to be taken if necessary. **Requires incubation, 55°C for 15 minutes or 37°C for 30 minutes.**

Item No.	Description	Qty	Your Cost
3660-75	AllerSnap	case/100	267.57



Histamine Test Kit (Kikkoman)

Histamine Test system is a rapid colorimetric enzyme assay system for the quantitative analysis of histamine in raw fish, frozen fish or canned tuna.

AOAC - PTM Certified

Easy to Extract: No need to clean up, HPLC method requires precleaning to remove interfering substances.

Easy to Use: No complicated procedure like HPLC or EIA methods.

Easy to Use instrument: Light weight diode absorptiometer.

Detection Limit: 0.4ppm with the Absorptiometer B

Test time: 15 minutes

Item No.	Description	Qty	Qty Break	Your Cost
5300-65	Histamine Test Kit	60 Tests	1-14	424.65
灕			15+	399.17

All-in-one test device	 Ready-to-use and convenient
Built-in color chart	 Simple, easy-to-use and interpret
Pre-wetted swab	 Consistent sample collection
	 Maximum sample recovery
	 Breaks through biofilms
	 No separate wetting agent required
Sensitive liquid-stable reagent	 Detects down to 3µg of protein residue after incubation
	 Store at room or refrigerated temperature
	Long shelf life 18 months
Generate visible color results in 15 minutes	 Enables immediate corrective action thus preventing waste and non-compliance issues
	Provides evidence for due diligence and compliance
	 Effective for trainings and promotes best practices
Small simple design	 Affordable; no instrument required
	Small size
	Recyclable plastic
	Low carbon footprint

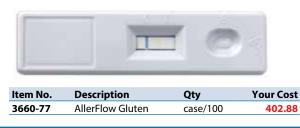
AllerSnap Instructions (Requires incubation)



AllerFlow Gluten Surface Residue Test (Hygiena)

AllerFlow Gluten is a rapid and convenient test for detection of gluten residue on surfaces as part of an allergen control program. Combining Hygiena's convenient sample collection swab design with classic lateral flow technology, AllerFlow Gluten makes gluten testing easier than ever before. Unlike other kits that contain several components, AllerFlow Gluten only consists of two parts – a sample collection device and a lateral flow cassette. The convenient sample collection swab device contains premeasured extraction buffer for consistent results with minimal handling. After collection, the sample is poured directly into the lateral flow cassette fill well and results appear within 10 minutes.

- Sensitive to 5 µg/swab (5 ppm) gluten within 10 minutes
- Specific to the toxic fraction of gluten from wheat, barley, rye, and oat
- · No cross-reactivity with soy, rice, or corn
- Up to 15 month shelf life at room or refrigerated temperatures (2 – 25 °C)



ACCESSORIES: FOR ALLERSNAP

ALLERGEN RESIDUE TESTING

5

Aller Iow Gluten



Sterilmatic® Autoclave (Market Forge)

AUTOCLAVES

Item 3058-40 is an electric automatic steam pressure sterilizer. Sterilizing cycle is fully automatic, time-controlled and has a built-in temperature control which provides 250° F. (121° C.). Unit shuts off and exhausts pressure automatically at end of cycle. Slow exhaust may be selected for sterilizing liquids. Features include thermometer, safety valve, 0-30 lb. steam gauge, 0-60 minute timer and low water cut off. Size is 18 3/4" wide x 31" deep x 27 5/8" high. Interior is 16" in diameter and 26" long with a door opening of 13 1/2" wide x 11" high. Sterilizing compartment holds either three 2 1/2" tall trays or one 6" tall tray (trays available separately). For 208-240V, specify 1 or 3 phase. One year warranty for parts and 90 days for labor. All models ship by common carrier.

Item **3058-41** has all the specifications of 3058-40, with additional adjustable temperature control functionality between 230°-250°F (110°-121°C.)

Item **3058-50** has all the specifications of 3058-40 with three additional programmable features: temperature control between 225°-250°F (107°-121°C.), time, and venting.





3058-43 Stainless Steel Stand with Shelf

ltem No.	Description	Qty Break	Your Cost
3058-40	Sterilmatic [®] STM-E Autoclave	1	20,466.67
		2+	19,648.00
3058-41	Sterilmatic [®] STM-E Autoclave	1	21,060.00
	Adjustable Temperature	2+	20,217.60
3058-50	Sterilmatic [®] STM-E Autoclave	1	25,866.67
	Programmable	2+	24,832.00
Accessorie	es		
3058-43	Stainless Steel Stand, with Shelf		2,233.33
3058-45	Stainless Steel Tray, Size 12x20x2.5 in.		379.20
3058-46	Stainless Steel Tray, Size 12x20x6 in.		652.00
3058-49	Replacement Door Gasket		111.46

Clavies[®] Autoclave Gloves (Bel-Art Scienceware)

Heat resistant up to 232°C (450°F) these all-cotton terry cloth Clavies® Gloves are excellent for handling hot objects. Gauntlets in two lengths provide wrist and forearm protection, and the bright orange color offers high visibility. Machine wash, tumble dry.



Item No.	Overall Length	Qty	Your Cost
3057-12	13″	pair	38.68
3057-14	18.5″	pair	65.35



BioClave™ Benchtop Autoclaves

- Width of under 18 in. (under 14 in. for the BioClave Mini) all three models will fit comfortably on crowded bench tops.
- Sterilization chambers are surprisingly large, accommodating a variety of liquids, media, instruments, glassware, plasticware and other common laboratory items. Both models include a mechanical and electrical safety interlock that prevents the door from being opened until the pressure has reached zero PSI.
- With large digital displays and fully automatic operation, all segments of the sterilization cycle (fill, sterilize, exhaust and dry) commence and run to completion by simply pressing the start button.
- One year warranty.

BioClave 28 is the 28 liter model and offers three cycle options (standard programs), which are preset for the sterilization of liquids, wrapped instruments or unwrapped instruments/plastic ware. A "Dry Only" option is also available for additional drying time to be added to the end of a cycle. For special applications, requiring variations in cycle parameters, all settings on the BioClave are fully adjustable.

BioClave 18 18 liter model offers three cycle options (standard programs), which are preset for the sterilization of liquids, wrapped instruments or unwrapped instruments/plasticware. A fourth option "Dry Only" is also available for additional drying time to be added to the end of a cycle. For special applications, requiring variations in cycle parameters, all settings on the BioClave 18 are fully adjustable.

BioClave Mini The 8 liter BioClave Mini is preprogrammed to meet basic sterilization needs. The temperature can be selected at either 121°C or 134°C and the sterilization time is fully adjustable.

Model	BioClave 28	BioClave 18	BioClave Mini
Chamber Volume	28 L	18 L	8 L
Chamber Dimensions	12.6 x 16.4 in./ 32 x 41.7 cm	9.8 x 13.77 in. / 24.8 x 35 cm	6.7 x 12.5 in. / 17 x 31 cm
Tray Dimensions	-	6.5 x 10.75 in. / 16.5 x 27 cm	4.75 x 9.75 in./ 12 x 24.8 cm
Exterior Dimensions	25 x 25 x 22 in./ 63.5 x 63.5 x 55.9 cm	22 x 17.5 x 15.7 in. / 56 x 44.5 x 40 cm	20 x 13.5 x 12.9 in. / 51 x 34 x 33 cm
Weight	209 lbs / 95 kg	89 lbs / 40 kg	74 lbs / 33 kg
Electrical	200 or 240V, 50-60Hz 2300W	115/230V, 50-60 Hz / 1600W	115/230V, 50-60 Hz / 950W

Item No.	Description	Your Cost
3058-29	BioClave 28	11,008.17
3058-30	BioClave 18	5,977.56
3058-32	BioClave 8	4,320.53
3058-34	BioClave Printer	362.47
3058-36	Replacement Printer Paper	48.93

📉 Weber Exclusive 🛛 🕅 First case upgrade 🔶 Hazardous Materials 🛛 🗱 Ships on Ice

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details

AUTOCLAVES

Tuttnauer[™] Laboratory Line Autoclaves (Heidolph)

Tuttnauer laboratory autoclaves have been designed to provide high quality repeatable performance and accountability for a wide range of applications used in modern laboratories, which include:

- Liquid sterilization (using two flexible PT100 probes) with various cooling options
- Pipette and Glass sterilization
- · Instrument sterilization (wrapped or unwrapped)
- · Biohazard and Waste sterilization
- Agar preparation
- Specialized customized cycles
- · Comes standard with a printer

The laboratory autoclave line is designed for laboratory applications used in research institutes, universities, medical, pharmaceutical, biotechnology, food and chemical industries. Each model has a number of optional addedvalue features which can be configured for efficient drying ("PV"), efficient heating ("G"), biohazard and waste sterilization ("BH"), FO control, and more. Benchtop lab autoclaves are designed to save space on your laboratory workbench.



Advanced Control System for Your Laboratory

- F0 software control- Protect your liquid media, save time, save energy
- Stores the last 200 cycles in built-in memory
- The controller and software comply with the 21 CFR part 11 standard with optional R.PC.R. software
- Sterilization Temperature range 105°C to 137°C
- Optional Disinfection/Isothermal Temperature Range 60°C to 105°C
- Optional Independent Recording for cross-checking cycle measurements

3058-22

ltem No.	Mfr. Model No.	Description	Capacity	Chamber (Dia.xDepth)	External Dimensions WxHxD (mm)	Voltage	Your Cost
3058-94	2840 ELP	Laboratory Line Autoclave	28 liter	11″x15.7″	530 x 440 x 630	240 1-phase	13,339.26
3058-95	3850 ELP	Laboratory Line Autoclave	65 liter	15″x20″	720 x 540 x 765	240 1-phase	20,088.39
3058-96	3870 ELP	Laboratory Line Autoclave	85 liter	15″x27″	720 x 540 x 940	240 3-phase	21,823.04
3058-97	5075 ELP	Laboratory Line Autoclave	110 liter	19.6″x29.5	860 x 740 x 890	240 3-phase	32,833.27

ALL-AMERICAN Portable Sterilizers (WAFCO)

Steam pressure (259° F) operation is completely automatic. Complete, self-contained unit with an immersion heating element, automatic thermostatic control, automatic release valve, and pilot light. It connects to any outlet, is ready for use instantly, and ensures complete, efficient sterilization.

- 20 to 30 minute sterilization process Heavy cast aluminum cover and
- Dial gauge and control valveMetal-to-metal seal
- Heavy cast aluminum cover and bottom construction

Flexible metal exhaust tube

.

- Metal-to-metal seal
 Over-pressure safety plug
- Aluminum inner container with rack
- UL approval
- One year warranty.

Model	3058-20	3058-22
Gross Capacity	25 qt. / 24 liter	41 qt. / 39 liter
Overall Height	16 3/4" / 42.5 cm	19″ / 48.3 cm
Bottom Height	12 1/4" / 31.2 cm	14 1/4" / 36.2 cm
Inside Diameter	12 5/8″ / 32.1 cm	15 1/4″ / 38.7 cm
Unit Weight	29 lbs / 13.2 kg	45 lbs / 20.4 kg
Inner Container Height	8 1/2" / 21.6 cm	10 1/4" / 26 cm
Inner Container Diameter	11 1/8″ / 28.3 cm	14" / 35.6 cm
Inner Container Circumference	35 7/8″ / 91.1 cm	44 1/2" / 113 cm
Inner Container Capacity	14.5 qt. / 13.7 liter	27.3 qt. / 25.8 liter
Inner Container Volume	835 in ³ / 13.688 cm ³	1578 in ³ / 25.856 cm ³
Shipping Weight	34 lbs / 15.4 kg	51 lbs / 23.1 kg

ltem No.	Mfr. Item No.	Capacity	Description	Power	Your Cost
3058-20	50X	25qt./24 liter	Hi-power, 60-minute bell timer	120 V 50/60 Hz, 1650W	935.92
3058-22	75X	41 qt./39 liter	Hi-power; 64% greater capacity	120 V 50/60 Hz, 1650W	1,240.20
3058-23	2180		Optional support base for 3058-20		73.95
3058-25	4180		Optional support base for 3058-22		85.21

800-328-8378

ACCESSORIES: FOR AUTOCLAVES



Autoclave Thermometers see pages 190 - 201. Media Bottles and Flasks see pages 70 & 82.

3058-20

APPARATUS



Autoclavable Biohazard Disposal Bags

Heavy duty 2.0 mil polypropylene bags can be loaded with used pipets, petri dishes, etc. and then sterilized at a maximum of 135°C (275°F).

The printed bags have a sterilization indicator patch that darkens when subjected to

subjected to steam sterilization, and also feature the standard biohazard warning symbol and precautionary procedures in four languages.

AUTOCLAVE ACCESSORIES







Unprinted

•					
Item No.	Size inch/mm	Capacity	Qty	Qty Break	Your Cost
3057-09	24" x 36" / 610 x 910	22 gal/83.28 L	pack/100	1-4	135.74
				5+	95.83
Printed					
Item No.	Size inch/mm	Capacity	Qty	Qty Break	Your Cost
3057-18	12" x 24"/ 300 x 610	3.5 gal/13.25 L	pack/100	1-4	53.61
				5+	49.69
3057-20	24" x 30" / 610 x 760	17 gal/64.35 L	pack/100	1-4	137.71
				5+	124.85
3057-22	24" x 36" / 610 x 910	22 gal/83.28 L	pack/100	1-4	145.13
				5+	134.50

Poxygrid[®] Biohazard Bag Holder (Bel-Art Scienceware)

Keeps bags open and ready for filling. Just insert and stretch the bag mouth over the top ring of this round holder: a separate hooked ring rests over the top to lock the bag in place. Orange epoxy coated steel wire.

Item No.	Diameter inches	Height inches	Fits bag	Your Cost
3057-28	7.3	20.5	12" x 24"	90.93
3057-30	14.6	23.5	24" x 30"	95.44
3057-32	14.6	29.5	24" x 36"	99.81

Bench-top Biohazard Bags and Holder (Bel-Art Scienceware)

Bags: High-density polyethylene, Autoclavable (may distort), Printed bio-hazard symbol and sterilization indicator patch, One long flap for easier opening, 220 X 280 mm (8.5 X 11")

Holder: Steel wire coated with orange epoxy

Item No.	Mfr Item No.	Description	Qty	Your Cost
3056-10	13166-0000	bags	pack/100	21.16
3056-11	13193-1000	holder	each	30.91

Bag Holder

Autoclavable at 121°C (250°F) to maintain sterility.

Item No.	Tray Size	Height	Fits Bag	Your Cost
3057-23	180.5 x 350.6 mm (7.3 x 14")	470 mm (18.5″)	300 x 610 mm (12 x 24″)	50.87
3057-25	350.6 x 350.6 mm (14 x 14")	540.6 mm (21.5″)	610 x 760 mm (24 x 30″)	69.23
3057-29	Cover fits 3057-25			31.96



Clave[™] General Purpose Autoclavable Bags

General purpose bags are used to sterilize paper fillers and a variety of other functions. Transparent bags are made of 2 mil polypropylene and can be steam sterilized at 275°F/135°C.

Item No.	Size	Qty	Qty Break	Your Cost
3057-34	8″ x 12″ / 200 x 300 mm	pack/100	1-4	38.60
			5+	25.97
3057-39	10″ x 15″ / 250 x 380 mm	pack/100	1-4	39.10
			5+	26.30
3057-42	12" x 24" / 300 x 610 mm	pack/100	1-4	50.48
			5+	35.35
3057-49	24" x 30" / 610 x 760 mm	pack/100	1-4	115.79
			5+	76.60

📉 WEBER EXCLUSIVE 🛛 🕅 FIRST CASE UPGRADE 🔶 HAZARDOUS MATERIALS 🏾 🖄 SHIPS ON ICE

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Autoclaves

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We are always expanding our product offerings to bring you the latest and most innovative products for your laboratory.

Keep up to date with our expanded online catalog by visiting **weberscientific.com**

Odo-Clave® Deodorant Pads (Bel-Art Scienceware)



These pads are impregnated with a heat-released deodorant that doesn't merely mask autoclave odors, but actually neutralizes them. They're easy to handle and not messy. 1¼" square.

Item No.	Description	Qty	Qty Break	Your Cost
3057-43	Cherry	pack/100	1-2	115.59
			3+	109.39
3057-44	Lemon	pack/100	1-2	117.72
			3+	111.43
3057-45	Clove	pack/100	1-2	115.59
			3+	109.39

Chex-All® II Sterilization Pouches (Propper)

Instant, self-sealing sterilization pouches eliminate the need for heat sealing and separate sealing tapes. Protective strip removes from fold-over adhesive end to provide complete hermetic seal. Seal will not open up in steam autoclaves and is unaffected by gas. Pouches are tamper-proof, producing visible evidence of seal tampering, and have the same sterile storage time as all pouches. Penetration of sterilants into pack is monitored by preprinted indicators on both inside and outside for steam and EO gas. In steam, yellow indicators change to grayblack; red indicators do not change. In gas, red indicators change to green; yellow indicators do not change.



ltem No.	Mfr. Item No.	Size inch/mm	Qty	Your Cost
4413-09	024008	3 x 8″ 76 x 203mm	pack/500	126.27
4413-10	024010	5 x 10" 127 x 254mm	pack/500	173.94
4413-15	024012	7 x 12″ 178 x 305mm	pack/500	247.55
4413-20	024014	8 x 16″ 203 x 406mm	pack/250	238.83
4413-25	024018	12 x 18" 305 x 457mm	pack/250	346.40

Autoclave Chamber Brite[®] Cleaner (Heidolph)

The easiest way to keep your autoclaves clean and free of hard water deposits. Designed specifically for steam sterilizers, Chamber Brite effectively cleans and descales the reservoir, chamber and tubing in minutes. Available 10 per box.

ervoir, utes.

Item No.	Qty Break	Your Cost
3057-41	1	134.95
	2+	156.10

Steril-Peel® Self Seal Pouches (GS Medical Packaging)

Self-seal pouches provide a self-contained method of sterile packaging for instruments without the use of heat sealing equipment. The seal is part of the pouch and pre-folding make proper closure fast and easy.

- Pre-folding eliminates the need for holes on the fold line. Sterile integrity is maintained.
- Tack points above chevron at corners reduce paper curl.
- Thumb notched for ease of loading and opening under sterile conditions.
- Unique blue film darkens to show seal strength, therefore unacceptable seals are clearly visible.
- No perforation
- 200 pouches per box



Item No.	Mfr Item No.	Size	Qty Break	Your Cost
4413-27	222102	5¼ x 10″	1-9	23.81
		133 x 254mm	multiples of 10	20.55
4413-28	222103	7½ x 13″	1-9	37.90
		191 x 330mm	multiples of 10	32.69
4413-29	222816	8 x 16″	1-9	59.07
		203 x 406mm	multiples of 10	50.96
4413-30	222218	12 x 18″	1-9	75.09
		305 x 457mm	multiples of 10	64.75

Spore Strips Biological Indicator

(Mesa Laboratories)

Validated 24-Hour Incubation when used with Mesa Biological media! Spore Strips are used to validate and

routinely monitor the adequacy of steam, ethylene oxide, dry heat and chemical vapor sterilization.



These strips contain both *Geobacillus* stearothermophilus in a population of 10⁵ and *Geobacillus subtilis* in a population of 10⁶.

PROCEDURES FOR USE: A minimum of two test strips in glassine paper should be introduced into the sterilization chamber along with the material to be sterilized. At the end of the sterilization process the strips should be aseptically removed from the glassine paper and transferred to the recovery media (tryptic soy broth). The media with the strip should then be incubated at 56°C (steam) or at 35°C (Dry Heat or EO). A control strip that has not been subjected to the sterilization process also should be incubated at this time in recovery media. The tubes of media should be checked for growth as described in the instructions accompanying each package of strips.

CERTIFICATION: Each box of strips contains instructions for use and a certification of population and D-value. The certification also will include the expiration date.

Item		Your
No.	Qty	Cost
3057-96	pack of 100	242.17

Duo-Spore™ Sporestrips Biological Indicators (Propper 269065)

Biological sterility indicator monitors efficacy of steam, ethylene oxide gas or dry heat sterilization. Four inch strips prepared from suspensions of *Bacillus stearothermophilus* and *Bacillus subtilis*. Each set contains two test strips and one control strip.

Item No.	Qty	Your Cost
3057-97	pack of 25 sets	254.84

Modified Tryptic Soy Broth with Bromcresol Purple (Mesa Laboratories)

For use with spore strip biological indicators. Soybean Casein Digest Broth is the recommended media (as per USP) for use with Biological Indicators. Use of another media may detrimentally affect outgrowth



of spore. Manufactured and tested to meet USP and NCCLS sterility and growth promotion guidelines.

ltem No.	Tube Size	Qty	Qty Break	Your Cost
3057-51	16mm x 100mm	pack of 100	1-2	262.75
			3+	233.84

Dry Heat Indicator Labels (Mesa Laboratories)

Clearly distinguish processed from

unprocessed items when used as directed. DHI Labels received a 510K notification for use as a process indicator for Dry Heat Sterilization at 160°C. DHI Labels are manufactured in an FDA registered facility pursuant to current Quality

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System Regulations (QSRs). The labels are printed with a chemical indicator that changes from green to brown when exposed to Dry Heat conditions. This color change allows the technician to immediately distinguish processed from unprocessed items. Color change is non-reversible. Eliminate personnel error and confusion by applying DHI Labels to all items to be sterilized. DHI Labels also can indicate sterilizer malfunction. DHI Labels are adhesive backed allowing them to easily be applied to items.

Item		Your
No.	Qty	Cost
3057-57	roll/1000	41.49

Autoclave Sterility Indicating Tape



Indicator bars in the tape turn black after 15 minutes of exposure to steam heat at 250°F. Lower temperatures and shorter periods of time will have no effect. 2160 inches per roll.

ltem No.	Size	Qty	Qty Break	Your Cost
3057-74	3/4″	each	1-9	7.98
			10+	5.84
3057-76	1″	each	1-9	11.76
			10+	8.71

Dry Oven Sterility Indicating Tape

Bold word "Sterilized" appears in blue lettering after an operating temperature of at least 550°F./ 288°C. is reached for a minimum of 20-30 minutes. Cloth textured tape won't tear; tape must be cut with scissors. Tape sticks to almost any surface yet comes off cleanly when desired. 250" per roll.



ltem No.	Size	Qty	Your Cost
3057-60	1/2″	each	63.05

ProChem SSW Steam Sterilization Integrators (Mesa Laboratories)

ProChem SSW Steam Sterilization Integrator is a single use Class 5 Integrating Indicator which complies with ANSI/AAMI/ISO 11140-1:2005. It integrates three essential criteria for proper steam sterilization: time, temperature, and steam. When processed along with a load it indicates, with a margin of safety, whether the proper steam sterilization criteria have been achieved.



ltem No.	Mfr. Item No	Qty	Your Cost
3057-68	CI-SSW	Pack/250	82.79

APPARATUS

ACCESSORIES:



General purpose plastic bags see page 136.

CHEMICAL INDICATORS

Self-Contained Biological Indicator (Crosstex)

Validated 24-Hour Incubation!

These are a safe, convenient and easy to read self-contained biological indicator. It can be used to validate or monitor steam sterilization. It consists of a paper carrier containing Geobacillus stearothermophilus, population 10^5 . The spore carrier and glass vial containing media are located inside a plastic tube. The cap permits steam to penetrate to the spore carrier while in a sterilization chamber.



Upon completion of a sterilization cycle, allow the tests to cool for approximately 15 minutes. The top of the plastic tube should be sealed

by depressing the cap, and the media ampule crushed. Once this has been done, place the test in an incubator at 56°C. The tests should be checked periodically over the course of 24 hours for spore growth. Such growth is evident from the change in color of the media from purple to yellow. If growth in exposed indicators is visually observed, it must be assumed that the sterilization cycle was inadequate.

This product is ANSI/AAMI/ISO EN 11138-1 and USP (where applicable) compliant. The suspensions are labeled with a shelf life based on the organism. Each vial of Spore Suspension is accompanied by a Certificate of Analysis detailing the source, assayed population, resistance characteristics on paper carrier and expiration date. 24 month shelf-life from date of manufacture. Size is 13 x 61 mm.

Item No.	Qty	Qty	Your Cost	
4300-05	pack/50	1	136.37	

Mini Self-Contained Biological Indicator (Crosstex)

Validated 24-Hour Incubation!

These are a safe, convenient and easy to read self-contained biological indicator. It can be used to validate or monitor steam sterilization. It consists of a paper carrier containing Geobacillus stearothermophilus, population 10^5 . The spore carrier and glass vial containing media are located inside a plastic tube. The cap permits steam to penetrate to the spore carrier while in a sterilization chamber.



Upon completion of a sterilization cycle, allow the tests to cool for approximately 15 minutes.

The top of the plastic tube should be sealed by depressing the cap, and the media ampule crushed. Once this has been done, place the test in an incubator at 56°C. The tests should be checked periodically over the course of 24 hours for spore growth. Such growth is evident from the change in color of the media from purple to yellow. If growth in exposed indicators is visually observed, it must be assumed that the sterilization cycle was inadequate.

This product is ANSI/AAMI/ISO EN 11138-1 and USP (where applicable) compliant. The suspensions are labeled with a shelf life based on the organism. Each vial of Spore Suspension is accompanied by a Certificate of Analysis detailing the source, assayed population, resistance characteristics on paper carrier and expiration date. 18 month shelf-life from date of manufacture. Size is 8.4 x 45.5 mm.

Item No.	Qty	Qty	Your Cost
4300-16	pack/50	1	232.91

Self-Contained Biological Indicator Ampule (Crosstex)

Choose from populations of 10⁴

These are a safe and easy to use self-contained biological indicator. The test is used to validate or monitor steam sterilization. It consists of a sealed ampule containing Geobacillus stearothermophilus spores, suspended in a modified Soybean Casein Digest broth. A pH indicator of bromocresol purple has been added to assist in detecting spore growth.

One or more ampules should be suspended or otherwise placed in the item to be sterilized, or in the sterilization chamber. At the end of the



sterilization process, the tests should be carefully removed and allowed to cool. Once they have cooled (about 5 minutes) the tests should be incubated at $61^{\circ}C \pm 2^{\circ}C$. No activation is required. The tests should be checked periodically for growth. Growth is indicated by a color change of purple to yellow and/or turbidity. This indicates a failure of the sterilization cycle. A control ampule (not exposed in the sterilizer) should be used to verify spore viability. Results available in 48 hours. Store at refrigerated temperature.

This product is ANSI/AAMI/ISO EN 11138-1 and USP (where applicable) compliant. The suspensions are labeled with a shelf life based on the organism. Spore Suspensions require storage under refrigerated conditions (2° - 8°C). Each vial of Spore Suspension is accompanied by a Certificate of Analysis detailing the source, assayed population, resistance characteristics on paper carrier and expiration date. 24 month shelf-life from date of manufacture. Contains 1 mL.

Item No.	Description	Qty	Qty	Your Cost
# 4300-01	104	pack/15	1-4	70.96
			5+	64.45
300-02	104	pack/50	1	177.86

EZ Test Biological Indicators (Mesa Labs)

Dramatic Color Change for easy identification!

EZTest is a self-contained biological indicator for monitoring steam / flash steam, sterilization. EZTest contains bacterial spores on a filter-paper carrier packaged within a small, thermoplastic culture tube. Inside the thermoplastic culture tube is a sealed-glass ampoule of specially-formulated soybean casein digest culture medium containing a color indicator which turns a dramatic yellow when spores grow. EZTest is easy-to-use and produces visual results within 24 hours without laboratory transfers.



- FDA 510(k) Cleared
- 24 hour results
- Easy to Culture
- No Laboratory Required
- Dramatic Color Change

Item No.	Mfg. Item No.	Qty	Your Cost
3057-83	EZS/6	Pack/100	642.67
3057-84	EZS/525	Pack/25	162.00



WATSON

Specifications

WEBER SCIENTIFIC

Sample Format	4-Well Plate; PCR tubes 200µL capacity
Reaction Volumes	10-50µL
Programmable Plate & Lid Temperature Range	30-105℃
Temperature Accuracy	$\pm 0.1^{\circ}$ C of programmed target temperature
Maximum Ramp Rate	4°C/s Heating, 5°C/s Cooling
Run Time	45-60 min for 3-step s 30-40 cycles PCR
WxDxH	39 x 68 x 88 mm
Degree of Protection	IP30
Ports	USB Type-C, Micro-USB
Housing Material	Polycarbonate
Operational Interface	4-Positioned DIP Switch
Insulation Class I (Earth), Pollu	ition Degree II

Thermocycling System Resistive Heating, Forced-Air Cooling



Individual PCR Tubes (Celltreat) Perfect for use with WATSON PCR

Ultra-thin tube walls to provide uniform and efficient heat transfers. Certified RNase/DNase/ DNA-free and non-pyrogenic to ensure reliable experimental results. Conveniently packaged in re-sealable bags minimize risk of contamination

Item No.	Capacity	Cap Style	UoM	Your Cost
CEL230456	0.2 mL	Optically Clear Flat	Case of 1000	48.57
CEL230455	0.2 mL	Frosted Flat	Case of 1000	48.57

WATSON 4-Well Portable Thermal Cycler

Microbe Detection Reimagined

The WATSON 4-Well Portable Thermal Cycler is a cost-effective solution for PCR (polymerase chain reaction), a DNA amplification technique in which few copies of DNA can be replicated to create trillion of copies in less than 90 minutes. In PCR, the starting DNA is repeatedly heated and cooled about 40 times in the presence of an enzyme and buffers to synthesize new DNA.

The instrument consists of a 4-well heating block and heating lid. The temperature is programmable between 30°C and 105°C with ±0.1°C precision. The resistive heating and air forced cooing systems are controlled by a PID algorithm for cyclical heating/cooling of the heating block. The WATSON's heating ramp rate is rated at 4 ± 0.5 degrees/sec. The heating block is cooled by 5 CFM (cubic feet per minute) capacity cooling fan producing 2 ±0.5 degrees/sec cooling ramp time. The heated lid prevents water condensation during sample heating step.

Power is delivered to WATSON by USB type C port. Either USB AC wall adapter or USB power bank can power the device. The 10Ah power bank that comes with the device will enable the user to run 4 full PCR assays without charging.

WATSON is operated by a 4-positioned DIP switch. It does not require a computer or mobile phone for operation. It can store up to 16 different PCR programs in its flash memory. Users will need to alter DIP switch patterns to select the recommended PCR program for each individual assay specified in the manual. The machine comes with 16 default programs preloaded that can cover almost all assays that can be run on WATSON. Users can alter all programs using a desktop-based software.

WATSON can operate in a harsh environment. Its plastic housing and mechanical components are manufactured with material to resist high temperature, chemicals, and high impact.

Key Features

- · Consists of a 4-well heating block and heating lid
- Programmable temperature of 30°C and 105°C with ±0.1°C precision
- Heating ramp rate of 4 ±0.5 degrees/sec and cooled by 5 CFM (cubic feet per minute) capacity cooling fan producing 2 ±0.5 degrees/sec cooling ramp time
- Powered by either a USB Type C port: either USB AC wall adapter or USB power bank – supplied 10Ah power bank provides 4 full PCR assays without charging
- Operated by a 4-positioned DIP switch to store up to 16 different PCR programs in its flash memory

Item No.	Color	Your Cost
4165-23	Orange	251.07
4165-20	Green	251.07
4165-21	Black	251.07



12

Incubators

INCUBATORS

Lab Incubators (Quincy Lab)

Affordability makes these incubators our most popular

Compact incubators have a see-through tinted acrylic door, aluminum interior, fiberglass insulation and baked-on enamel exterior. One fixed and one adjustable chrome-plated wire shelf and a six-foot cord are standard. Full eighteen month warranty on both models.

The microprocessor controlled digital model maintains accurate settings within .5°C, even in variant ambient or power supply conditions. A temperature tracking feature stores maximum process temperature deviation from set point in 0.1° units, acting as a paperless chart recorder and helping to confirm stability and continuity. The control has a large, low-glare four-digit LED display that can be read from across the room. The readout is selectable between F and C, and selectable in either an 1.0° or 0.1° display. A continuous self-diagnostic function prompts if a malfunction occurs.

3055-60



3055-80

The analog unit has a bimetal controller, illuminated on-off pushbutton and pilot light. A laboratory thermometer is included with analog models. 18 month warranty.

DIGITAL MODELS

ltem No.	Capacity cu. ft. / L	Interior size W x H x D inches / cm	Exterior size W x H x D inches / cm	Temp. range	Controller accuracy	Shelf positions	Qty Break	Your Cost
3055-60	0.7 / 19.8	12x10x10	13x15x10.75	5° above ambient	±0.5°C	8	1	758.95
		30.5x25.4x25.4	33.0x28x27.3	to 60°C			2+	723.65
3055-70	2.0 /56.6	18x16x12	19x21x13	5° above ambient	±0.5°C	14	1	1,006.70
		45.7x40.6x30.5	48.3x53.3x33	to 60°C			2+	959.88

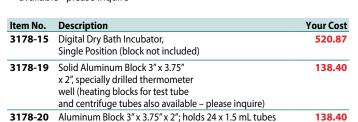
ANALOG MODELS

ltem No.	Capacity cu. ft. / L	Interior size W x H x D inches / cm	Exterior size W x H x D inches / cm	Temp. range	Controller accuracy	Shelf positions	Qty Break	Your Cost
3055-80	0.7 / 19.8	12x10x10	13x15x10.75	5° above ambient	±0.1°C	8	1	576.93
		30.5x25.4x25.4	33.0x28x27.3	to 60°C			2+	550.10
3055-90	2.0 /56.6	18x16x12	19x21x13	5° above ambient	±0.1°C	14	1	799.60
		45.7x40.6x30.5	48.3x53.3x33	to 60°C			2+	762.42

Digital Dry Bath Incubator (Benchmark Scientific)

Digital for the price of analog!

- Built-in user recalibration function guarantees long term temperature accuracy
- Temperature Range: Ambient+5°C to 150°C
- Operating Temperature Range: +4°C to +65°C
- Four digit LED displays time and temperature
 Save bench space with this compact model
- 7.8 x 9 x 3.2 in (20 x 23 x 8 cm)
- 115V AC Compatibility
- Includes Block Puller
- Two year warranty
- 2-block and 4-block models also available - please inquire



Digital Dry Block Incubators (Hygiena)

Hygiena's Digital Dry Block Incubators are designed specifically for Hygiena's test devices. Capable of up to 105 °C, the incubators can be set to any temperature you require. The digitally controlled, interchangeable blocks of the Lab Format Incubator are independently heated, allowing



you to run two temperatures on one incubator at the same time – ideal for running a variety of tests. Auto-stop and sound alert features help you achieve perfect incubation time, every time.

Item No.	Mfr Item No.	Description	Your Cost
4161-80	INCUBATOR+IB003	Small Format with 12-well block	414.03
4161-08	INCUBATOR	Small Format for Micro & AllerSnap (block not included)	316.45
4161-85	INCUBATOR2+IB001	Lab Format with two 35-well blocks	638.63
4161-05	INCUBATOR2	Lab Format (blocks not included)	410.47
4161-06	IB001	Swab Tube Block for Model No: INCUBATOR2 - 35 wells	116.84
4161-07	IB002	Vial Tube Block for Model No: INCUBATOR2 - 15 wells	123.94
4161-83	IB003	Swab Tube Block for Model No: INCUBATOR - 12 wells	123.37

ACCESSORIES: FOR INCUBATORS



MyTemp[™] Mini Digital Incubators (Benchmark Scientific)

Simply set and walk away!

Digital temperature controls eliminate the need for external thermometers and repetitive "fine tuning" of an analog control knob. Simply choose the desired temperature and the incubator immediately begins to heat up (or cool down, -HC model only) while accurately monitoring the chamber temperature and conveniently displaying the temperature in real time on the large LED control panel.

MyTemp Mini Features

- Compact footprint 13.2 x 14.5"
- Large internal chambers
- Store flasks and bottles up to 2 liters
- · Adjustable shelves

MyTemp 65 Features

- Accurate temperature control from 0° to 60°C
- Powerful compressor maintains 0°C
- · Stainless-steel internal chamber
- Internal power outlet for shaker, mixers, etc.
- Sized for floor standing use or on bench-tops less than 32" tall
- Ideal for BOD and Drosophila applications

ltem No.	Mfr. Item No.	Description	Your Cost
3055-00	H2200-H	MyTemp Mini, Heat Only	614.05
3055-01	H2200-HC	MyTemp Mini, Heat and Cool	842.61
3055-16	H2265-HC	MyTemp 65, Heat and Cool	3,477.70





	MyTemp Mini	MyTemp 65
Temp. Range	Ambient +1°C to 60°C (3055-00) Ambient -15°C to 60°C* (3055-01)	0°C to 60°C (RT-25°C to 60°C) (3055-16)
Temp. Accuracy:	0.5°C (at 37°C)	0.5°C (at 37°C)
Temp. Uniformity:	+/- 1°C (at 37°C)	+/- 1.0°C (at 37°C)
Temp. Increment:	1°C	0.1°C
Platform Dimensions:	9.5 x 11.5 in./ 23.5 x 29 cm	
Operating Temp. Range	+4 to +65°C	+10 to +30°C
Exterior dimensions:	13.2 x 14.5 x 18.7 in. / 33.5 x 37 x 47.5 cm	21.25 x 21 x 39.35 in. / 54 x 53.34 x 99.85 cm
Interior: dimensions	10.3 x 9.3 x 12.8 in. / 26 x 23.5 x 32.5 cm	15.75 x 12.75 x 19.75 in. / 40 x 32.4 x 50.2 cm
Capacity:	20L, (0.75 cu. ft.)	65L, (2.3 cu. ft.)
Weight:	15 lbs / 6.5 kg	117 lbs. / 53 kg
Electrical:	120VAC, 60 Hz	120VAC, 60 Hz
Warranty:	2 Years	2 Years

* Minimum temperature is approx. 7°C in 22°C room temp.

Other models are available by special order.

Vortex Mixer 🚿

Economical and powerful

Provides smooth instant mixing of even the largest sample sizes, including full 50 mL tubes. The unique counter balance system creates maximum vortex action, while minimizing noise and vibration. Other features include: "no-walk" suction feet, cold room/incubator compatibility and spill-proof electronic controls. • Powerful motor for INSTANT vortexing



- Q-Drive[™] dynamic balance system
- Touch or continuous operation
- Variable speed control from 200 to 3200 rpm

Speed Range	5	200 to 320	0 rpm	
Operating Modes		Touch or c	ontinuous	
Operating Temp Range		+4°C to +6	5°C	
Dimensions		5 x 6.3 x 6.7	7 in (13 x 16 x 17 cm)	
Weight		8.4 lbs / 3.8	3 kg	
Electrical		115V AC		
Warranty		2 years		
Item No.	Descriptio	n	Qty Break	Your Cost
3067-83	Vortex Mix	er	1	306.77
			2+	288.72
3067-84	3" Flat Hea	d		57.31
	attachments 0-328-8378		r centrifuge tubes.	



NCUBATORS

Top rated - Over 700 Five Star Reviews A tiny titan specifically designed for shaking test tubes. Simply push the tube into the soft attachment to start shaking. Shaking stops as soon as you lift out the test tube. Full containers of 50mL can be activated for

mixing within 5 seconds!

Mini-Vortex Mixer (LabGenius)



Remarkably small footprint – just 4 inch diameter – and compact structure are perfect for the limited spaces of bench tops and fume hoods. It also has patented foot pads that keep the petite unit firmly in place while mixing.

This mini vortexer is maintenance-free and comes with a two year guarantee period. Its power supply meets CE, cULus, CCC, SAA, FCC and GS standards.

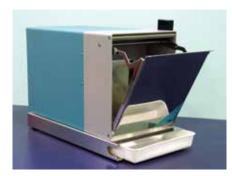
m 40 V; 50/60Hz
40 V: 50/60Hz
m diameter x 78mm height
s / 0.55 kg
40 V; 50/60Hz
4

Item No.	Description	Your Cost
1115711	Mini-Vortex Mixer	75.56

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Homogenizers



Masticator® Mixer (IUL Instruments)

Used for solid and semisolid samples by applying pressure to samples with metal spring paddle action. Homogenization is produced through a combination of crushing and stirring. Stainless steel compartment and hinged door for easy cleanup in case of leaks. Maintenance free with self-lubricating parts.

- Compact size, economical cost
- Reduce work load on lab technician
- Long tradition of reliability and robustness
- Use metal springs to move the paddles and not a belt
- Small bench space required due to its long rather than wide design
- Viewing window option (panoramic models) for better monitoring of sample condition

Model	Classic Basic
Capacity	up to 400 mL samples
Motor speed	1500 rpm
Reduction	1:6
Strokes per second	10
Timer	analog, 15 to 90 sec-
	onds or continuous
Start/Stop	door activated
Power	110 V; 60 Hz
Dimensions	240 x 260 x 400 mm /
	9.5″ x 10.2″ x 15.7″
Weight	41.25 lbs. / 18.7 kg.
Warranty	3 year on all parts
·	

ltem No.	Description	Qty Break	Your Cost
3068-68	Mixer	1	3,599.77
		2+	3,412.75
3068-69	optional stand	l and tray	451.00





Stomacher® 400 Circulator (Seward)

Offers fast reliable blending and homogenizing of laboratory samples. Paddles apply pressure to a sample within a sterile, disposable sample bag. Contents are blended and homogenized, effectively washing out deep-seated organisms. Laboratory samples can be collected, transported, processed and disposed of without ever being handled. Paddle design produces homogenization by a combination of crushing and stirring. When the door is closed, curved paddles combined with an island baffle inside the door chamber and round bottom bags mold the bag contents into a tubular ring. In operation, the paddles crush the sample and circulate the suspended debris and diluent.

In this process, the diluent and sample are extruded under pressure past the island baffle, and are vigorously stirred from top to bottom.

- · Three-year warranty
- One touch user-programmable time an speed functions
- Three paddle speeds and times from 1 second to 99 minutes 59 seconds
- Auto-run-for "hands free" operation
- Timer that can be set for 30, 60 or 120 seconds or can run continuously.

Item No.	Qty Break	Your Cost 5 779 50	
Weight		51 lbs. / 23 kg	
WxDxH, in./cm		34x29x32	
Dimensions		13.25x11x12.7 /	
Power		110 V., 60 Hz, 420 watts single phase.	
Capacity		80-400 mL (2.7-13.5 ounces)	





3061-01

Laboratory Blenders (Waring)

Commercial quality classics built for many years of daily use

- · Enameled metal base
- UL listed
- One year warranty

3061-00 is a single speed blender with a 35 oz (1.2 L) glass container that is 16" tall. Replacement glass container with lid is available as item 3061-03.

3061-01 is a single speed blender with a 34 oz. (1 L) stainless steel container that is 14" tall. Replacement stainless steel container with lid is available as item 3061-05.

ltem No.	Mfr. Model	Description	Qty Break	Your Cost
3061-00	700G	Single speed	1	583.38
		blender with 35 oz (1.2L) glass container	2+	545.49
3061-01	700S	Single speed	1	691.84
		blender with 34 oz (1L) stainless steel container	2+	646.91
Replacen	nent Cor	ntainers		
3061-03	CAC32	Glass container with lid		124.96
3061-05	CAC3	Stainless steel 34 oz (1L) container with lid		535.36

ACCESSORIES: FOR STOMACHERS

Bags for Lab Blenders see pages 137 - 141.











Digital Hotplates, Stirrers & Hotplate Stirrers (Benchmark Scientific)

Exceptionally durable, chemical resistant white ceramic work surface.

The digital hotplates, stirrers and hotplate-stirrers feature an exceptionally durable, chemical resistant, white ceramic work surface. The space-efficient design (7.5 X 11.5 in. footprint) makes them ideal for use on crowded benchtops, biological safety cabinets and in bio-hoods.

Advanced microprocessor controls allow quick, precise adjustment of speed and temperature. The display provides constant visualization of the speed and temperature while a safety LED indicates when the top plate is above 50°C. In addition, an optional probe is available for applications that require precise temperature control. When connected, the probe provides direct feedback to the microprocessor, which continuously adjusts and maintains the selected temperature in the sample within +/-1°C. 24 month manufacturers warranty.

Item No.	3067-64	3067-67	3067-60
Description	Hotplate Stirrer	Hotplate	Stirrer
Temp Range	Ambient +5 - 380°C	Ambient +5 - 380°C	N/A
Stirring Speed Range, RPM	150 – 1500	N/A	150 – 1500
Surface Depth x Width	7	" x 7" (17.8 cm x 17.8 cm)	
Size DxHxW	7.5″ x 11.5	5″ x 4″ (18 cm x 27.9 cm x ²	10.1 cm)
Electrical Data	11	5V or 230V, 50-60Hz 500V	V

Item No.	Mfr Item No.	Description	Your Cost
3067-64	H3770-HS	Hot Plate Stirrer	495.97
3067-67	H3770-H	Hot Plate	425.20
3067-60	H3770-S	Stirrer	327.62
3067-61	H3770-TP	Optional Temperature Probe	131.31
3067-62	H3770-ROD	Optional support rod	53.09
3067-63	H3770-CS	Clamp assembly with support rod and clamps for securing probes	91.06

MiniMag[™] Magnetic Stirrer (Benchmark Scientific)



The MiniMag[™] is a very compact stirrer with a square footprint of under 5 inches. Despite its modest dimensions, the 3.4 inch square work surface accepts a wide variety of beakers, flasks, bottles and other laboratory vessels for stirring volumes as large as 1.5 liters.

The stirring speed is continuously adjustable from 100 to 1500 rpm. For temperature sensitive samples, the MiniMag is incubator and cold-room safe for use from $+4^{\circ}$ C to $+45^{\circ}$ C.

Super Compact

Under 5x5" footprint

Speed Range	:	100 to 1500 rpm		
Platform Dimensions:		3.4 x 3.4 in./ 8.5 x 8.5 cm		
Operating Temp. Range:		+4 to +45°C		
Max. Stir Bar:		30mm		
Dimensions (w x d x h):		4.7 x 4.7 x 1.2 in. / 12 x 12 x 3 cm		
Weight:		0.45 lbs (0.2kg)		
Electrical:		120V		
Warranty:		1 Year		
Item No.	Mfr Item No.	Description	Your Cost	
3067-86	\$1005	Magnetic Stirrer	153,19	



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HOT PLATE STIRRERS

Hot Plates and Hot Plate Stirrers (LabGenius)

Ideal for a variety of demanding applications. Available as hot plates, or hot plate stirrers. Choose from **3389-01** can stir up to 10L of liquid, **3391-01** can stir up to 5L. Models **3390-01** and **3391-01** reach up to 550°C for the maximum range of applications.

Item No.	3388-01	3389-01	3390-01	3391-01	
Description	Hot Plate	Hot Plate Stirrer	Hot Plate	Hot Plate Stirrer	
Work plate W x D	5.5 x 5.5 ii	n. / 140 x 140 mm	7 x 7 in. / 1	7 x 7 in. / 184 x 184 mm	
Work plate material	Aluminum cover with ceramic coating		Glass ceramic		
Operating Temp Range	Room temp.+5°C - 380°C			emp 550°C crements	
Motor Type	-	Brushless DC Motor	-	Shared Pole Motor	
Stirring Speed Range	-	200 - 1500 rpm	-	0 - 1500 rpm	
Max Stir Bar Length	-	50 mm	-	80 mm	
Dimensions (WxDxH)	320 x	180 x 108 mm	215 x 36	0 x 112 mm	
Weight		2.2 kg	4	.5 kg	
Voltage		100-120/200-240	0V, 50/60Hz		
IP rating		IP21			

	Maximum		
Item No.	Temperature	Description	Your Cost
3388-01	380°C	Hot Plate	233.65
3389-01	380°C	Hot Plate Stirrer	279.77
3390-01	550°C	Hot Plate	582.77
3391-01	550°C	Hot Plate Stirrer	614.83





3388-01

Cimarec[®] Digital Stirrer, Hot Plate, Hot Plate Stirrer (Thermo Scientific)

Easy-to-read digital display indicates temperature settings, adjustable in 5° increments, from 5° up to 540°C (41° to 1004°F), depending on model. Microprocessor-controlled feedback technology maintains consistent, repeatable temperature settings. Ideal for labs that perform repetitive procedures. Hot surface alert safety systems protect from accidental burns. Bright red warning lights signal when heating surface is above 50°C (122°F). Unit display flashes "HOT" - "OFF" when heating is turned off, until heating surface is below a cool 50°C. Seamless reflective white ceramic top enhances sample visibility and provides an easy-to-clean and alkali/acid resistance surface. Flat top and high-wattage heating elements combine to provide superior heating transfer and fast time-to-boil. Rugged low-profile cast aluminum body provides stability and durability.

On stirring models, the unique StirTrac™ technology offers improved slow speed stirring, consistent speed control and stronger magnetic coupling. The StirTrac braking feature brings the stir bar to an immediate stop for quick flask removal. Includes 2" x 3/8" dia. TFE-coated stir bar.

Accommodates sample weights to 25 lb (11.3 kg). Supplied with detachable cord. 24 month warranty.

Item No.	3067-20	3067-30	3068-05	
Mfr. Item No. SP88857100		HP88857100	S88857100	
Description	Hot Plate Stirrer	Hot plate	Stirrer	
Operating Temp Range	5 - 540°C/41 - 1004°F	5 - 540°C/41 - 1004°F	N/A	
Stirring Speed Range, RPM	50 – 1200	N/A	50 – 1200	
Surface Depth x Width	7.25″ x 7.25″ (18.4 cm x 18.4 cm)			
Size DxHxW	13″ x 3	8.8″ x 8.2″ (33 cm x 9.7 cm x 20.8 c	:m)	
Shipping Weight	11.2 (5.1 kg)	9.7 (4.4 kg)	11.0 (5.0 kg)	
Volts/Watts/Amps/Hertz		120/1040/8.6/50-60		

Item No.	Your Cost
3067-20	604.50
3067-30	346.26
3068-05	363.63



3067-20







Octagonal Stirring Bar

Octagon shape, Teflon[®]-coated, with integral pivot ring. Steam Autoclavable at 121°C

Item No.	Size	Your Cost
3068-15	1″ x 5/16″	5.14
3068-20	1 1/2″ x 5/16″	5.72
3068-25	2″ x 5/16″	7.02

Spinbar® Magnetic Retrievers

(Bel-Art Scienceware) Polyethylene rod. 3/8" (9.5mm) diameter with hang-up loop.

Size

12" (305mm)

18" (457mm)

	1. S r
Your Cost	
14.75	
17.05	

Magnetic Stir Bar Arrester

(Bel-Art Scienceware)

Item No.

3310-05

3310-10

Place this device against the bottom of your container prior to emptying to hold the stir bar in place. 2" (51mm) diameter X 3/8" (9.5mm) thick.

Item No.	Your Cost
3310-20	22.17

Non-Contact Stirring Bar

Retriever (Bel-Art Scienceware) Removes stir bar magnets from the outside of vessel. 3" (76mm) long. Polyethylene.

Item No.	Your Cost
3310-15	12.57



Extra Strong Stir Bar

(Bel-Art Scienceware)

- Reduce spinout in viscous solutions
- 3X stronger stirring power
- Samarium Cobalt magnetGreen Teflon® PTFE coated
- Steam Autoclavable at 121°C

Item No.	Mfr Item No.	Size inches/ mm	Your Cost
3068-07	37102-1238	1/2 x 3/8 / 13 x 9.5	8.35
3068-08	37102-138	1 x 3/8 / 25.4 x 9.5	11.96
3068-09	37102-0238	2 x 3/8 / 51 x 9.5	25.33
3068-10	37102-0003	3 x 1/2 / 76 x 130	29.38

Spinpak[®] Stirring Bar Assortment

(Bel-Art Scienceware 37163) Color-coded. Six octagon stirring bars, Teflon® PTFE coated with pivot ring. Contains two of each: yellow, red, blue, all 1" x 5/16".

Item No.	Your Cost
3068-11	39.31

Spinbox[™] Stirring Bar Assortment

(Bel-Art Scienceware 37180) Octagon Shape - 16 assorted bars (standard & micro). 12 standard bars with pivot ring: 2 each of the following sizes: Inches (1/2" x 5/16"); (5/8" x 5/16"); (1" x 3/8"); (1-1/2" x 3/8"); (2" x 3/8"); (2-1/2" x 3/8"). 2 micro flea bars of each size: 7 x 2mm and 10 x 3mm.



Item No.	Your Cost
3068-13	99.55



The CaptairFlow® Laminar Flow Hoods (Erlab)

Provides an ultra-clean and dust-free work area.

Ideal for applications such as non-pathogenic cell cultures, In-vitro cultures, microbiology, homeopathic preparations, electronics, and optics.

These workstations feature HEPA H14 filters to provide an ISO Class 5 work environment. The HEPA H14 filters guarantee 99.995% filtration efficiency for particles larger than $0.1 \mu m$.

Product features include bright internal lighting, slanted sash, large opening for easy access, and side panel utility ports, and low energy consumption.

Optional accessories include stainless steel or resin work surface, rolling cart with locking wheels, and stationary work bench.

- 4 sizes available
- Stainless steel worktop with a built in spill tray
- Rolling or fixed carts available
- Standalone enclosures that do not require HVAC connections
- Immediately operational, place where you need it in your lab

Modular filtration column / Air quality into the enclosure

- HEPA H 14 filter : 99.995% filtration efficiency for particles larger than 0.1 microns (according to the EN1822-1 standard, MPPS method).
- Vertical laminar air flow entering the enclosure protects your work from contamination

Item No.	Mfr. Item No.	Description	Dimensions (W x D x H) (inches)	Your Cost
4013-50	FLOW321	CaptairFlow [®] Laminar Flow Hoods	Ext 31 1/2 x 24 2/3 x 45 3/4 / 53 lnt 30 1/8 x 21 1/2 x 34	4,368.00
4013-51	FLOW391	CaptairFlow [®] Laminar Flow Hoods	Ext: 39 3/8 x24 3/4 x45 3/4 / 53 Int: 38 x 21 1/2 x 34	5,301.00
4013-52	FLOW483	CaptairFlow [®] Laminar Flow Hoods	Ext: 50 1/4 x 31 1/2 x 51 3/4 / 59 7/8 Int: 48 7/8 x 26 1/4 x 41	8,483.00
4013-53	FLOW714	CaptairFlow [®] Laminar Flow Hoods	Ext: 71 x 31 1/2 x 51 3/4 / 59 7/8 lnt: 69 1/2 x 26 1/4 x 41	10,490.67
4013-17	GF4.HP	HEPA Filter (Required)		606.33

See weberscientific.com for accessories, including Stainless Steel Work Surfaces, Mobicaps, and Benchcaps

APPARATUS

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4013-51

📉 Weber exclusive 🛛 🕅 First case upgrade 🛛 🕀 hazardous materials 🛛 🕸 Ships on Ice



MyFuge™ Mini Centrifuge (Benchmark Scientific)

- Clik-N-Lok[™] INSTANT rotor attachment
- Eight position microtube rotor
- Storage compartment for PCR rotor & 0.5 mL adapters
- Near silent operation
- Decelerates in just one second
- Four position PCR strip rotor



MC-12 High Speed Centrifuge (Benchmark Scientific)

- 12 tube capacity / Up to 16,100xg
- Less than 9 in. wide
- Quick deceleration
- Whisper quiet operation

This the only compact microcentrifuge capable of achieving centrifugal speeds up to the critical threshold of 16,000 xg, often held as the standard for many molecular



CENTRIFUGES

biology/DNA protocols. It's brushless, maintenance free drive system makes it powerful, yet compact. It delivers shortened acceleration/deceleration times, whisper quiet operation and its computer-designed airflow pattern minimizes sample temperature increases during longer runs at high speeds.

All operating parameters are set using a single, conveniently located control knob and the large, bright LCD provides a clear indication of time and rpm or g-force. A separate momentary spin button permits instant spin downs, without setting or disturbing any preset parameters. The aircraft grade aluminum rotor accepts 1.5 to 2.0ml tubes directly, as well as 0.5 and 0.2ml tubes with optional adapters. For applications requiring sub-ambient temperatures, the MC-12 is cold room safe.

Speed:	6,000 rpm (2,0	00 xg)	
Capacity:	8 x 1.5/2.0 mL	tubes	
	32 x 0.2 mL tuk	pes	
	4 x PCR Strips		
Dimensions:	5.7 x 6.9 x 4.5 i	n.	
(w x d x h)	14.5 x 17.8 x 1	1.4 cm	
Weight:	2.2 lbs. / 1 kg		
Electrical:	120V		
Warranty:	1 Year		
Item No.	Mfr Item No.	Description	Your Cost

Item No.	Mfr Item No.	Description	Your Cost
3111-00	C1008-C	MyFuge™ Mini Centrifuge	425.44

LC-8 Plus Laboratory Centrifuge (Benchmark Scientific)

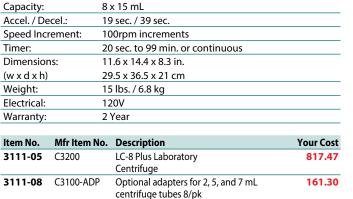
- Digital Speed control up to 5,000 rpm
- Safety lid-lock, prevents opening lid until rotor stops
- Unique air-flow design keeps samples cool
- 8 tube capacity, for tubes up to 15mL

Speed:



Speed:	15,500 rpm (16,100 xg)
Capacity:	12 x 1.5/2.0ml
Accel. / Decel.:	10 sec. / 12 sec.
Speed Increment:	100rpm or 100rcf
Timer:	20 sec. to 99 min. or continuous
Dimensions:	10.6 x 8.7 x 5.9 in
(w x d x h)	27 x 22 x 15 cm
Weight:	10.5 lbs. / 4.8 kg
Electrical:	Universal Voltage 100-240V, 50-60 Hz, 300W, 115V with US Plug. (For 230V EU Plug, please call)
Warranty:	1 Year

Item No.	Mfr Item No.	Description	Your Cost
3111-12	C1612	MC-12 High Speed Centrifuge	1,569.60
3111-13	C1008-A5-6	Optional 0.5mL adaptors pack of 6	23.13
3111-14	C1008-A2-6	Optional 0.2ml adapters pack of 6	23.13



400 to 5000rpm (3070xg)



Find more centrifuge options at **weberscientific.com**





WEBER SCIENTIFIC

Water Bath Balls (Techne)

Inexpensively controls heat loss

Polypropylene balls are hollow and are recommended for chemical and temperature resistance.

- Inexpensive .
- Control heat loss for heated liquids
- Control cold loss for cooled liquids
- **Reduces fumes**
- Stop odors
- Conserve expensive chemicals
- Avoid splashing and condensation qy

•	Sav	e	en	er

ItemNo.	Mfr Item No.	Dia. mm/inch	Qty	Your Cost
1069-30	4011000	20 / 0.8	pack/500	173.46
1069-38	4011100	38 / 1.5	pack/100	108.25

Water Bath, Circulating (Techne)

FDA 2400 requires a circulating water bath for butterfat and coliform test applications. The constant temperature controller features a powerful pressure circulating pump and a rugged, splash-proof case, with all submerged parts being made of either stainless steel or high-temperature plastic. The controller is designed to fit onto the insulated bath, which is made out of a stainless steel interior and baked enamel exterior case.

Three year warranty. Catalog No.1069-14 has the depth necessary for the Gerber and Babcock tests.

Item No.	4051-54	1069-14
Mfr Item No.	8/TE-10D	26/TE-10D
Temperature range °C 5° above ambient	to +120	to +120
Temperature selection	digital	digital
Temperature stability using water @40°C	+/- 0.01	+/- 0.01
Accuracy	+/-1.0	+/-1.0
Pump capacity (liters/min)	10	10
Method of control	PID	PID
Temperature sensor	PRT	PRT
Adjustable over temperature cut out	Yes	Yes
Low liquid level cut-out	Yes	Yes
Overall size L x W x H	265 x 325 x 172 mm	530 x 325 x 222 mm
Top of bath to liquid level max depth	65 mm / 2.6"	65 mm/ 2.6"
Internal dimensions	240 x 300 x 150 mm /	505 x 300 x 200 mm /
LxWxH	9.5 x 11.8 x 5.9"	19.9 x 11.8 x 7.8"
Working length to thermoregulator	115 mm / 4.5"	380 mm / 15"
Working depth max/min	130-100 mm / 5.1- 3.9″	180-150 mm / 7.1-5.9"
Working capacity max/min	8.0/6.0 L	26.0/20.5 L

	Capacity		Your
Item No.	Liter	Qty Break	Cost
4051-54	8	1	2,101.14
		2+	1,977.54
1069-14	26	1	2,266.08
		2+	2,132.78



Item No.	Mfr Item No.	Size	Your Cost
1069-02	TSGP10	10 liter	1,337.28
1069-04	TSGP20	20 liter	1,648.02
Additional sizes, dual chamber models, and bundle deals available at weberscientific.com			

Precision™ General Purpose Water Baths (ThermoFisher)

This general purpose water bath is designed to maintain water temperature from ambient to 100°C. Over-temperature safety circuitry is designed to prevent thermal runaway, while autoon and auto-off timers allow you to optimize operation schedules. Benefit from outstanding chemical and corrosion resistance with epoxy powder-coated exterior, easily clean the chamber with its seamless stainless steel interior. Clear polycarbonate gable cover and diffuser tray included.

Item Number	1069-02	1069-04
Mfr. Item No.	TSGP10	TSGP20
Temperature Range (Metric)	Ambient to 100°C	Ambient to 100°C
Heating Capacity	800W	1200W
Bath Volume	10L (2.6 GAL)	20L (5.3 GAL)
Cabinet Material	Epoxy Powder Coated Steel	Epoxy Powder Coated Steel
Chamber Material	Stainless Steel	Stainless Steel
Temperature Presets	4	4
Temperature Uniformity	±0.2 °C	±0.2 °C
Amperage	6.0-7.0 / 2.8-3.4 (120V/230V)	9.0-10.5 / 4.3-5.0 (120V/230V)
Dimensions (L x W x H)	15.5 x 15.1 x 9.2 in.	15.4 x 21.8 x 9.2 in.
Exterior	(393 x 383 x 233mm)	(392 x 555 x 233mm)
Electrical Requirements	100-115V/200-230V, 50/60Hz	100-115V/200-230V, 50/60Hz
Temperature Stability	±0.1 °C	±0.1 °C

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WATER BATHS







Precision[™] Circulating Water Baths (ThermoFisher)

Thermo Scientific[™] Precision[™] circulating water baths are ideal when temperature uniformity and control are particularly critical, such as when working with enzymes and in serological applications. Available in three different models, these high performance baths feature a microprocessor control and include a removable stainless steel gable cover and diffuser tray. UL, CE Certifications/Compliance.

Item Number	1069-20	1069-22	1069-24
Temperature Range (Metric)	Amb. +5°C to 100°C	Amb. +5°C to 100°C	Amb. +5°C to 100°C
Temperature Stability	±0.1 °C	±0.1 °C	±0.1 °C
Temperature Uniformity	±0.05 °C	±0.05 °C	±0.05 °C
Temperature Presets	4	4	4
Heating Capacity	1200W	1500W	1500W
Volume (English) Max. Bath	5.0 gal. / 19 Liter	9.2 gal./ 35 Liter	23.5 gal. / 89 Liter
Electrical Requirements	Global Voltage 100-115V/200-230V, 50/60Hz	Global Voltage 100-115V/200-230V, 50/60Hz	Global Voltage 100-115V/200-230V, 50/60Hz
Amperage	9.0-10.5 / 4.3-5.0 (120V/230V)	11.2-13.1 / 5.4-6.3 (120V/230V)	11.2-13.1 / 5.4-6.3 (120V/230V)
Dimensions (L x W x H) Exterior	15.5 x 24.9 x 9.8 in. (394 x 632 x 249mm)	15.5 x 36.9 x 9.8 in. (394 x 938 x 249mm)	21.5 x 45.7 x 11.8 in. (546 x 1160 x 300mm)
Dimensions (D x W x H) Interior	12 x 15.3 x 7.6 in. (305 x 387 x 192 mm)	12 x 27.3 x 7.6 in. (305 x 692 x 192mm)	19 x 36 x 9.5 in.(483 x 914 x 241mm)

Item No.	Mfr Item No.	Description	Your Cost
1069-20	TSCIR19	19 Liter Circulating Water Bath	3,037.44
1069-22	TSCIR35	35 Liter Circulating Water Bath	3,835.00
1069-24	TSCIR89	89 Liter Circulating Water Bath	4,576.00

Calibration Weights (Benchmark Scientific)

Individual Class F1 weights are available in 100g, 200g and 500g sizes. Two stainless steel Class M1 weights, 1 kg and 2kg, are for calibrating larger capacity balances and scales with 1 g to 0.1 g readability. All individual weights are supplied in plastic screw cap containers.



Item No.	Mfr. Item No.	Description	Qty Break	Your Cost
3109-91	W1000-100	Calibration weight,	1	82.05
		100g, class F1	2+	77.49
3109-92	W1000-200	Calibration weight,	1	96.46
		200g, class F1	2+	93.79
3109-93	W1000-500	Calibration weight,	1	128.59
		500g, class F1	2+	125.06
3109-94	W1005-1000	Calibration weight, 1kg	1	94.85
		stainless steel, M1	2+	89.57
3109-95	W1005-2000	Calibration weight, 2kg	1	204.38
		stainless steel, M1	2+	193.03
3109-96	W1000-TFT	Tweezers, for handling	1	34.91
		calibration weights	2+	32.23

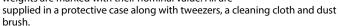
Calibration Class M1 Weight Set – 13 Piece (Benchmark Scientific)

Basic, compact balances with readability in the range of 0.1g to 0.01g can be calibrated with M1 Class weights. Our economy M1 Calibration Weight Set includes 13 pieces: 1x1g, 2x2g, 1x5g, 1x10g, 2x20g, 1x50g, 1x100g, 2x200g, 1x500g & 1x1000g. A protective carrying case is included.

Item No.	Mfr. Item No.	Description	Qty Break	Your Cost
3109-83	W1105-13-1000	Basic class M1	1	307.56
		calibration weight set		

Calibration Class F1 Weight Sets (Benchmark Scientific)

Precision, compact, and portable balances (readability 0.1 to 0.001 g) can be calibrated with the Basic Class F1 Calibration Set. Included in the set are 23 stainless steel cylindrical and leaf weights, 1 mg to 200g. Cylindrical weights are marked with their nominal value. All are



Item No.	Mfr. Item No.	Description	Qty Break	Your Cost
3109-90	W1100-200	Basic class F1	1	587.05
		calibration weight set	2+	570.87





Bronze DP-Series Precision Balances

(LabGenius)

Every balance includes a 5-year, worry free warranty



Ideal for all general laboratory applications where accuracy and portability is required. Each balance comes complete with a 9V AC power adapter or insert six AA batteries (batteries not included) for portable applications. Convenient automatic shut off mode conserves battery life and the low battery indicator ensures sample weighing is not interrupted. With four dedicated keys (On/Off, CAL, Unit, and Tare) this balance provides quick, effortless weighing.

Key Features

- Portable allows users to operate in the field or move from lab-to-lab
- · Large, easy-to-see white back lit display
- Multiple weigh modes for multiple applications
- Stainless steel weigh pan is easy to remove for cleaning
- · 5-Year full coverage warranty on parts & labor for complete peace of mind

5°C to 40°C		
3 Seconds		
9V DC/ 300 mA		
Battery Mode: 6AA (batteries not included)		
grams, pennyweight, ounces,		
troy ounces, and pounds		
LCD (Backlit)		



SCHDP-123

Item No.	Model No.	Capacity	Pan Size	Readability	Linearity	Calibration	Draft Shield	Your Cost
SCHDP-123	DP-123	120g	90mm round	0.001g	±3 mg	External	Short; Open Air	720.52
SCHDP-502	DP-502	500g	145 x 145mm	0.01g	±0.02 g	External	-	540.12
SCHDP-1502	DP-1502	1500g	145 x 145mm	0.05g	±0.1 g	External	-	508.06
SCHDP-3001	DP-3001	3000g	145 x 145mm	0.1g	±0.2 g	External	-	337.27
SCHDP-6000	DP-6000	6000g	145 x 145mm	1g	±2 g	External	-	337.27

Scout[™] Balance (Ohaus)

Superior performance in a portable balance

Ideal for laboratory and industrial applications, the OHAUS Scout comes in a slim, stackable design with large backlit LCD. Features include superior overload protection, multiple weighing units and application modes. Geared for high performance in your facility with fast stabilization time and high resolution weighing results, these



portable balances set a new standard in laboratory and industrial weighing.

Features include

- Programmable auto shut-off for prolonged battery life
- Built in security bracket
- Sealed front panel and molded spill ring
- Weigh below hook for density/specific gravity measurements
- Battery or AC powered
- Large, high contrast LCD display
- Removable stainless steel weighing surface
- Optional RS232, USB device, USB host, Ethernet, Bluetooth connectivity accessories not included
- Two year warranty

Item No.	1067-08	1067-09		
Capacity (g)	220	420		
Readability (g)	0.01	0.01		
Repeatability (Std. dev.) (g)	0.01			
Linearity (g)	±0.01			
Weighing modes	g, oz, ozt, dwi	; , parts counting		
Tare range	to capacity by	v subtraction		
Over range capacity	103%			
Stabilization time	1-1.5 seconds			
Operating temperature range	50°-104°F/10°-40°C			
Power requirements	AC Adapter (supplied) or 4 (AA) batteries (not included)			
Calibration	digital calibra	tion from keypad		
Display (in/mm)	Full color touch screen (109.2mm / 4.3 in) or LCD with backlight			
Pan size (in/mm)	4.7 / 120			
Dimensions W x H x D (in/mm)	n) 8 x 2.1 x 8.8 / 202 x 54 x 224			
Net Weight (lb/kg)	2.2/ 1			
		•		
		Qty	Your	

Item No.	Mfr. Item No.	Break	Cost
1067-08	SPX222	1	467.74
		2+	421.50
1067-09	SPX422	1	655.55
		2+	590.72

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COMPASS[™] CX Portable Scale (Ohaus CX Series)

Energy-Efficient Portable Scale Suitable for Workplace and in-the-Field Weighing

Designed with energy efficiency in mind, the Compass CX series offers a battery life of up to 1,000 continuous hours, allowing for uninterrupted operation. Featuring a slim, stackable and lightweight design, the CX fits ideally in lab, industrial, education, and even household settings. The streamlined two-button operation means that the balance can be operated easily, and large backlit LCD display enables easy viewing of weighing results.

- Alkaline batteries provide up to 1,000 hours of continuous use, making for energy efficient weighing anywhere
- Large backlit display increases readability in low-light conditions and makes it easier to view results from a distance.
- conditions and makes it easier to view results from a distance. Energy-saving auto shut-off feature
- Slim, space-saving design allows for stackable storage for up to four scales.

Newton Balance (A&D Weighing Systems)

- 1 second response time
- LCD display with backlight
- Percentage and counting
- Full digital calibration
- AC power or 4 X "AA" alkaline battery operation (batteries not included)
 5-year warranty



-)	
Weight capacity	210 g
Min. display "d"	0.01 g
Repeatability (Std. deviation)	0.01 g
Linearity	±0.01 g
Sensitivity drift	±20 ppm / °C (10°C-30°C / 50°F-86°F)
No. of samples	5, 10, 25, 50 or 100 pieces
Max. count	21,000 pcs
Min. unit weight	0.01 g
Min. % display	0.1 %
Min. 100 % weight	1 g
Display	7 segment LCD display with backlight (character height 16 mm)
Display update	10 times per second
Operating temp.	-10°C-40°C / 14°F-104°F, less than 85% R.H. (non-condensing)
Battery operation	Approximately 70 hours (backlight off, alkaline batteries)
Weighing pan size	110 mm Ø
Weight Approximately	850 g
Calibration weight (factory setting)	200 g

Item No.	Mfr. Model No.	Your Cost
1067-45	EJ-200	308.10

Item No.	1067-22	1067-25	1067-28	
Mfr. Item No.	CX221	CX2200	CX5200	
Capacity x Readability	220g x 0.1g	2200g x 1.0g	5200g x 1.0g	
Span Calibration Mass (Not Included)	200g	1 kg	2 kg	
Stabilization Time (s)		1.5		
Weighing units		g, N, oz, lb:oz		
Construction	ABS housing and stainless steel pan			
Tare Range	Full capacity by subtraction			
Application Modes	Weighing			
Power requirements	3-AA alkaline batteries (included) or AC adapter			
Calibration	User-selectable external span Digital with external weight			
Typical Battery Life		1,000 hours		
Display Type	Liquid crysta	al display (LCD) with	n backlight	
Display Size	0.71 in. digits / 18 mm			
Pan size W x D	5 × 5.6 in / 128 × 142 mm			
Dimensions W x D x H (in/cm)	5.3 × 7.9 ×	: 1.6 in. / 135 × 201	× 41 mm	
Net Weight	1.1 lb / 0.51 kg			

Item No.	Description	Qty Break	Your Cost
1067-22	220 g x 1.0 g	1	165.16
		2+	161.00
1067-25	2200 g x 0.1 g	1	164.37
		2+	160.25
1067-28	5200 g x 1.0 g	1	195.13
		2+	190.21
1067-30	AC adapter		35.53

Compass[™] CR621 Portable Electronic Scale (Ohaus)

Convenient, compact, portable weighing capability in the palm of your hand

The Compass CR621 provides basic weighing functionality and competitive performance at an economical price. Features such as a slim, stackable design, and an enlarged weighing platform, make this scale perfect for a variety of portable weighing applications.



Item No	Oty Break	Your Cost
		<u> </u>
working Environment	(18°C - 25°C, 80% RH, r	
Working Environment	Pennyweight 64°F - 77°F, 80% RH, no	n condonsing
Units of Measurement	Gram, Pound, Ounce, Gram, Pound, Ounce, G	Ounce Troy,
Stabilization Time	2 Seconds	
Power Requirements	3 AA (LR6) Batteries (Ir	icluded)
Net Weight	0.9 lb (0.4 kg)	
Display	LCD	
Pan Size	5.2 x 5 in (132 x 125 m	m)
Dimensions HxLxW	1.6 x 8.1 x 5.5 in (41 x 2	205 x 140 mm)
Readability	0.1 g	
Maximum Capacity	620 g	

Item No.	Qty Break	Your Cost
1067-13	1	112.95
	2+	98.26



Silver DS-Series Precision Balances (LabGenius)

Fast and precise weighing in a portable package

A compact, light weight designs with an average weight of only 1.3kg (2.9lbs) making the perfect choice for measurements in the field. Its compact casing



SCHDS-203

Multiple weigh modes including animal weighing, parts counting, density

•

determination, plus more Adjustable filter

Easy external calibration

RS232, USB-A, USB-B connections

Key Features

5-Year Warranty

allows for transportation to even the most remote locations. Adding to its
portability is the internal rechargeable battery with an average of 33 hours
operation time allowing precise measurements anywhere you go.

Advanced features such as RS232, USB-A, USB-B connections, adjustable filter for optimized measurements in any condition, and 6 working modes come standard on any DS-Series balance along with a 5-year, worry-free warranty.

Working Temperature	15°C to 30°C
Stabilization	2 Seconds
Interface	RS232, USB-A, USB-B
Power Supply	100-240 V AC, 60 Hz
	12 V DC + Battery
Battery Type	NiMH-Type of 1800-2800mAh Capacity
Display	LCD (Backlit)

...

Internal rechargeable battery - average of 33 hours of operation

								Your
Item No.	Model No.	Capacity	Pan Size	Readability	Linearity	Calibration	Draft Shield	Cost
SCHDS-203	DS-203	200g	100mm Round	0.001g	±0.004 g	External	Short, Open Air	610.59
SCHDS-602	DS-602	600g	128 x 128mm	0.01g	±0.02 g	External	-	555.67
SCHDS-2002	DS-2002	2000g	128 x 128mm	0.01g	±0.03 g	External	-	595.66
SCHDS-3101	DS-3101	3100g	128 x 128mm	0.1g	±0.03 g	External	-	595.66
High Capacity Op	tions							
SCHDSH-2002	DSH-2002	2000g	195 x 195mm	0.01g	±0.03 g	External	-	715.59
SCHDSH-2002C	DSH-2002.C	2000g	195 x 195mm	0.01g	±0.03 g	Internal	-	875.49
SCHDSH-6001	DSH-6001	6000g	195 x 195mm	0.1g	±0.2g	External	-	715.59
SCHDSH-6001C	DSH-6001.C	6000g	195 x 195mm	0.1g	±0.2g	Internal	-	875.49
SCHDSH-10001	DSH-10001	10,000g	195 x 195mm	0.1g	±0.3 g	External	-	875.49
SCHDSH-20001	DSH-20001	20,000g	195 x 195mm	0.1g	±0.3 g	External	-	1,115.36

Washdown Portable Rugged Balance (Ohaus)

Popular Valor™ 3000 XTREME Series

- Full stainless steel housing with added chemical resistance and removable stainless steel weighing pan are durable and easy to clean
- Advanced overload protection rated at 10x capacity is ideal for tough environments where capacity is frequently exceeded
- User adjustable filtering and stability settings allow the balance to operate accurately in drafty and unstable conditions
- SmarText[™] user interface utilizes a bright backlit LCD and simple text prompts to guide users through application use and scale setup

	Qty	Your
Capacity	Break	Cost
300 g	1	664.27
	2+	566.10
3000 g	1	668.77
	2+	569.92
6000 g	1	665.64
	2+	567.27
AC adaptor		98.44
	3000 g 6000 g	Capacity Break 300 g 1 2+ 3000 g 3000 g 1 2+ 6000 g 1 2+ 6000 g 1 2+ 2+

Model	1068-15	1068-18	1068-21		
Mfr Item No.	V31XW301	V31XW3	V31XW6		
Capacity (avoirdupois):	0.6615 lb	6.615 lb	13.23 lb		
Readability (avoirdupois):	0.0005 lb	0.005 lb	0.005 lb		
Capacity (metric):	300 g	3000 g	6000 g		
Readability (metric):	0.1 g	0.5 g	1 g		
Weighing units:	lb, decimal or f water), kg, g	ractional oz, lb	oz, fluid oz (of		
Weighing modes:		ng, percent wei p/tare, specific g	5 5		
Keyboard:	Three mechan	ical switches (1	left; 2 right)		
Calibration:	Digital externa	l span calibratio	on		
Display:	7 segment, 6 d with white LED	igit, 0.78in / 20) backlight	mm high LCD		
Display Indicators: Center of zero, stability, over/under load weighing unit and battery status					
Tare range:	Full capacity by subtraction				
Stabilization time (seconds):	3 seconds or le	ss			
Auto Zero Tracking:	Off, 0.5, 1 or 3	divisions			
Operating Temperature Range:			0% to 95% nsing, up to 2.5		
Power Requirements:	AC Adapter (included) or 4 (C) batteries (not included); replacement AC Adapter #1068-22				
Battery life (typical):	120 hours with	alkaline cells			
External Dimensions:	8.5 x 7.3 x 3 in / 218 x 186 x 77 mm				
Pan size (in/mm):	5.8 x 6.2 / 146 x 158				
Net Wt. (lb/kg):	2.9/1.3				
Warranty:	One year				

APPARATUS

ACCESSORIES

Calibration Weights see page 21.

ELECTRONIC BALANCES

VALOR™ 7000 Compact Bench Scale (Ohaus)

NSF certified and USDA-AMS accepted

- One second stabilization time
- Touchless sensors allow you to operate certain functions without the touch of one button, reducing scale contamination and extending the life of the scale!
- Large front and rear displays with bright backlights and checkweighing LED's

Construction	ABS Plastic Housing, Stainless Steel Platform
Design Features	210 hours of battery life, 3 LED (yellow, green, red) checkweighing lights with selectable operation and audible signal settings, transportation handle, sealed front panel, menu lock switch, up front level indicator, adjustable leveling feet, selectable environmental and auto-print settings, stability indicator, overload and underload indicators, low battery indicator, auto shut-off, auto tare
Display	Front and Rear Liquid Crystal Display (LCD) with Backlight
Applications	Weighing, Checkweighing, Checkpercent, Percent Weighing, Accumulation
Operation	AC Power (Included) or Rechargeable Battery (Included)
Communication	RS232 (Included), 2nd RS232 (Available as an Accessory), USB (Available as an Accessory), Ethernet (Available as an Accessory)



Item							Your
No.	Mfr. Model No.	Mfr. Item No.	Capacity	Readability	Certified Readability	Platform Size	Cost
1068-00	V71P1502T	30031827	1.5kg (3lb)	0.05g (0.0002lb)	0.5g (0.001lb)	300 x 225 mm	764.15
1068-01	V71P3T	30031828	3kg (6lb)	0.1g (0.0002lb)	1g (0.002lb)	300 x 225 mm	776.41
1068-02	V71P6T	30031829	6kg (15lb)	0.2g (0.0005lb)	2g (0.005lb)	300 x 225 mm	764.15
1068-03	V71P15T	30031830	15kg (30lb)	0.5g (0.001lb)	5g (0.01lb)	300 x 225 mm	764.15
1068-04	V71P30T	30031831	30kg (60lb)	1g (0.002lb)	10g (0.02lb)	300 x 225 mm	797.35

3109-33



Pioneer® Analytical and Precision Balances (Ohaus)

The best balances for basic analytical weighing

Designed for uncomplicated performance, the Ohaus Pioneer balances have the key features necessary for routine weighing along with a few design and performance extras that help eliminate common nuisances that can arise in laboratory and industrial settings.

Easy to Clean Analytical Draftshield – Pioneer's draftshield is designed with all glass panels, including three sliding doors. All panels are easy to remove and replace, and together with a stainless steel bottom, make it fast and easy to clean.

Periodic cleaning made easy helps to avoid sample contamination and extends product life. In addition, a standard in-use cover provides added protection against accidental spillage and helps minimize the chance of damage to the display and keypad.

Upfront Level Indicator – Pioneer has been designed with an up-front level indicator, so that users can quickly ensure the balance is level prior to use.

Selectable Environmental Settings – Three filter modes and adjustable zero tracking adjust balance sensitivity to environmental disturbances, or application requirements.

Item No.	3109-33	3109-34	1067-15	
Mfr. Item No.	PX84/E	PX224/E	PX1602/E	
Capacity (g)	82	220	1600	
Linearity (mg)	±0.0	002	20	
Readability (g)	0.00	001	0.01	
Repeatability (Std. dev.) (mg)	0.00	001	10	
Stabilization Time (s)		3		
Application Modes	Weighing, Par	ts Counting, Perce	ent Weighing	
Weighing Units	mg /g / ct/ oz / plus 14 others		g, kg, lb, ct, plus 13 others	
Power Requirements	AC Adapter (Included)			
Platform Size (in/cm)	3.54 in / 9 cm diameter		7.1 in / 18 cm dia.	
Draft Shield	Yes		No	
Balance Dimensions W x D x H cm	20.9 x 32.1 x 30.9 cm		20.9 x 32.1 x 9.8 cm	
Operating Conditions	+10° C to 30° C			
Communication	RS232 and USB			
Net Weight (lb/kg)	10.0 / 4.5		7.7 lb / 3.5 kg	
Warranty		Two years		

Item No.	Your Cost
3109-33	1,855.20
3109-34	2,374.90
1067-15	1,040.32



Uetender

Defender™ 3000 Series Bench Scales (Ohaus) Perfect for weighing, counting, and more

The OHAUS Defender[™] 3000 Series economy line of bench scales is ideal for general weighing and simple counting applications. These scales feature a simple, yet rugged, tubular-frame base design and indicators with tactile keys, backlit LCD display, built-in rechargeable battery operation and flexible mounting capabilities. The Defender 3000 Series is the solution to your weighing applications that require dependability within an affordable budget.

- Indicator features a high-impact durable ABS housing with reversible face for either wall, column or table-top mounting
- Adjustable non-slip rubber leveling feet with externally visible level indicator
- Parts counting mode with selectable sample sizes,.
- High LCD weight display with high-contrast backlight
- Built-in RS232 for printing and data connection

Item No.	3109-02	3109-07	
Mfr. Item No.	D33P75B1R1	D33P150B1L2	
Capacity (d)	150 lb	300 lb	
Dimensions (LxHxW)	19.3" x 21.3" x 12" / 489 x 542 x 305 mm	27" x 35.3" x 16.5" / 686 x 896 x 420 mm	
Net Weight	24.1 lb / 10.9 kg	38.5 lb / 17.5 kg	
Weight Display	7 segment with multi-color backlight		
Power	6 C (LR14) Batteries (not included); Rechargeable; Battery (not included); AC Power (included)		
Operating Temperature Range	14°F to 104°F / -10°C to 40°C		

Item No.	Your Cost
3109-02	773.93
3109-07	938.93



Platform Scale (Taylor TE150)

Reasonably priced stainless steel scale. 6' coiled cord and 1" LCD display. Capacity 150 lbs. or 70 kg. Readability 0.2 lbs. or 0.1 kg One year warranty

Item No.	Qty Break	Your Cost
3109-09	1	315.80
	2+	273.68

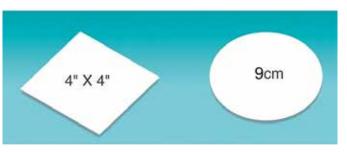


3012-66



3012-80

Find Water Activity Meters at **weberscientific.com**



Microwave Oven Pads

Disposable glass fiber pads for accurate moisture testing.

ltem No.	Description	Qty	Your Cost
3252-04	Round 3 1/2"/ 90 mm diameter pad	pack/200	36.38
3252-05	Square 4 x 4" / 102 x 102 mm pad	pack/400	45.43

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N WEBER EXCLUSIVE 🕅 FIRST CASE UPGRADE 🚯 HAZARDOUS MATERIALS

ATERIALS 🛛 🎄 SHIPS ON ICE

Balances

MB Series Moisture Analyzers (Ohaus)

Advanced, standard or basic models fit practically any application

Designed to quickly, effectively and affordably measure moisture content. Versatile and rugged enough for continuous operation in food and beverage, quality control, environmental and many other applications.



- Accurate results from 0.01% to 0.1% readability
- Just press and hold the temperature or time buttons, add sample and begin testing
- Compact footprint
- Easy-to-clean design

3013-01	3013-02	3013-06	3013-07
MB120	MB90	MB27	MB23
30241165	30241164	30251683	83999801
120 g	90 g	90 g	110 g
0.01%/0.001 g	0.01%/0.001 g	0.01% / 0.001g	0.1%/0.01g
0.05% (3 g	0.18% (3 g	0.02% (3g	0.002g
sample)	sample)	sample)	(Typical)
· 5	· .		
sample)		sample)	
RS232, USB Ho	st, USB Device	Bi-directio	nal RS-232
	Halogen		Infrared Coil
			(no glass)
40–230 °C	40–200 °C	50° to 160°C	
		(5°C inci	rements)
120 VAC	50/60 Hz	100 to 240 VAC 50/60 Hz	
50–104 °F /	50–104 °F /	41° to 104°F /	50° to 104°F /
10–40 °C	10–40 °C	5° to 40°C	10° to 40°C
4.3 in/109 r	nm, QVGA,	Backlit LCD	Custom backlit
TFT touc	h screen		display
3.5 in / 90 mm	3.5 in / 90 mm	3.5 in / 90 mm	3.5 in / 90 mm
8.3 x 7.7	x 14.0 in	6.5 x 5	x 11 in
21 x 18 x	35.5 cm	17 x 14	x 28 cm
11.5 lb/	5.23 kg	5 lb /	2.3 kg
18.4 lb/	8.35 kg	8.5 lb /	/ 3.9 kg
	One	year	
3013-01	3013-02	3013-06	3013-07
		3,232.80	3,232.80
	MB120 30241165 120 g 0.01%/0.001 g 0.05% (3 g sample) 0.015% (10 g sample) RS232, USB Ho 40–230 °C 120 VAC 50–104 °F / 10–40 °C 4.3 in/109 r TFT touc 3.5 in / 90 mm 8.3 x 7.7 21 x 18 x 11.5 lb/ 18.4 lb/	MB120 MB90 30241165 30241164 120 g 90 g 0.01%/0.001 g 0.01%/0.001 g 0.05% (3 g 0.18% (3 g sample) sample) 0.05% (10 g 0.02% (10 g sample) sample) 0.015% (10 g 0.02% (10 g sample) sample) RS232, USB Host, USB Device Halogen 40-230 °C 40-200 °C 120 VAC 50/60 Hz 50-104 °F / 50-104 °C / 10-40 °C 10-40 °C 4.3 in/109 mm, QVGA, TFT touch screen 3.5 in / 90 mm 3.5 in / 90 mm 8.3 x 7.7 x 14.0 in 21 x 18 x 35.5 cm 11.5 lb/5.23 kg 18.4 lb/8.35 kg	MB120 MB90 MB27 30241165 30241164 30251683 120 g 90 g 90 g 0.01%/0.001 g 0.01%/0.001 g 0.01% / 0.001 g 0.05% (3 g 0.18% (3 g 0.02% (3 g 0.05% (10 g 0.02% (10 g 0.05% (10 g 0.015% (10 g 0.02% (10 g 0.05% (10 g sample) sample) sample) sample) RS232, USB Host, USB Device Bi-directic Halogen Halogen (5°C inc) 40–230 °C 40–200 °C 50° to 50–104 °F / 50–104 °F / 41° to 104°F / 102 VAC 50/60 Hz 100 to 240 V 50–104 °C 10 to 240 V 50–104 °C 10-40 °C 5° to 40°C 4.3 in/109 mm, QVGA, Backlit LCD TFT touch screen 3.5 in / 90 mm 3.5 in / 90 mm 3.5 in / 90 mm 3.5 in / 90 mm 3.5 in / 90 mm 8.3 x 7.7 x 14.0 in 6.5 x 5 21 x 18 x 35.5 cm 21 x 18 x 35.5 cm 17 x 14 11.5 lb/5.23 kg 5 lb /



Pan Liners for Ohaus® Moisture Balance

Disposable aluminum

3013-38 has a 3.5"/90 mm diameter and is 3/16" deep

3013-40 has a 4 3/4"/121 mm diameter and is 3/16" deep.

Item No.	Description	Qty	Your Cost
3013-38	Pan liners for Ohaus Moisture Balance MB45, MB35, MB25, & MB23	pack/80	73.79
3013-40	Pan liners for older models of Ohaus Moisture Balance	pack/100	25.83

Moisture Balance (LabGenius)

LabGenius)

State-of-the-art features for advanced moisture content analysis

The moisture content results are clearly displayed on the large, easy-to-read color capacitive touch screen. Easily navigate through menus and setup experimental procedures. • 4-drying modes

- including standard, mild, quick, and step to accurately determine moisture content in various substances
- GLP documentation store up to 100 users, 5000 products, and 100 packagings, and 200 drying programs in memory
 Allows for customization of switch-off
- Allows for customization of switch-off times for end of moisture content analysis (automatic, time-defined, or manual switch-off)





ltem No.	SCHDM-210	SCHDM-50	SCHDM-50.H	
Model No.	DM-210	DM-50	DM-50.H	
Capacity (g)	210 g	50 g	50 g	
Readability (g)	.001 g	.001 g	0.0001 g	
Repeatability	0.05 %	6 (sample weight	of 2 g)	
(Std Dev) (g)	0.01 %	(sample weight of	of 10 g)	
Tare Range	-210 g	-50 g	-50 g	
Output	RS232 (2), U	SB (2, type A&B),	or WiFi Ports	
Heater type	IR Emitter			
Temp range		Max. 160°C		
Power		110 V		
Drying Modes	4 drying mod	les (standard, qui	ck, step, mild)	
Display type	5″ Colo	r Capacitive Touc	hscreen	
Dimensions	18.5″ x 1	5″ x 13.4″ (47 x 38	x 34 cm)	
(WxHxD)				
Weight (lb/kg)		14.8 lbs (6.7 kg)		
Warranty		3-Year Warranty		
ltem No.	SCHDM-210	SCHDM-50	SCHDM-50.H	
Your Cost	2,635.87	2,470.87	2,800.87	



Disposable Aluminum Weigh Pan

Designed for moisture balances

Also popular for general-purpose weighing and dispensing or as an evaporating dish or dust cover. Lightweight, sturdy dish has no coating and is oil free. Slightly tapered for stacking. Made from light gauge

aluminum. Pack of 50. 4" dia. x 5/16" deep (102 x 8 mm).

Item No.	Qty	Your Cost
3013-20	pack/50	25.64



WeighBucket[™] The WeighBoat for Liquids (MTC Bio)

WEBER SCIENTIFIC

New polyethylene WeighBuckets are a new type of weighing vessel that safely transports, contains and pours liquids, powders and small solids. The handle and spout make them easy to use, practically eliminating spillage and making controlled-rate pouring possible.



Dimensions excluding rim, spout and handle: 53 x 33mm (D x H)

Item No. Capacity		Qty	Your Cost	
3015-42	40mL	pack/500	34.39	



Disposable Smooth-Wall Weigh Dish

Aluminum smooth-side, flat-bottom multipurpose utility dish. No tab. 70 mm diameter.

Item No.	Qty	Qty Break	Your Cost
3015-12	pack/100	1-9	14.11
		multiples of 10	11.50



Disposable Weigh Dish

Aluminum. With finger-grips.

ltem No.	Cap., mL	Top I.D. inches	Qty	Qty Break	Your Cost
3015-20	20	1 3/4	pack/100	1-9	8.37
				10+	7.28
3015-22	50	2 3/8	pack/100	1-9	9.34
				10+	8.15
3015-24	70	2 3/4	pack/100	1-9	12.81
				10+	11.13



Find more weighing boat options at **weberscientific.com**

Weigh Boats

Choose from square or diamond shape for easier pouring

- Antistatic and biologically inert polystyrene
- White or black for visual contrast
- Rounded and recessed corners
- Withstands diluted acids and bases
- Tolerates temperatures to 90°C / 194°F
- Compact dispenser packs



ltem No.	Size, inches / mm	Description	Pack Qty	Qty Break	Your Cost
3015-26	2.6 x 3.4 in /	White diamond	500	1	44.90
	65 x 85 mm			2+	40.42
3015-27	2.6 x 3.4 in /	Black diamond	500	1	40.41
	65 x 85 mm			2+	36.38
3015-28	3.1 x 3.1 in /	White square	500	1	43.04
	80 x 80 mm			2+	38.73
3015-29	3.1 x 3.1 in /	Black square	500	1	43.04
	80 x 80 mm			2+	38.73
3015-36	3.9 x 4.9 in /	White diamond	250	1	41.52
	100 x 125 mm			2+	37.38
3015-37	3.9 x 4.9 in /	Black diamond	250	1	37.35
	100 x 125 mm			2+	33.63
3015-38	5.5 x 5.5 in /	White square	500	1	97.62
	140 x 140 mm			2+	87.85
3015-39	5.5 x 5.5 in /	Black square	500	1	79.98
	140 x 140			2+	71.98





3015-35

Disposable Weigh Dish

Translucent polystyrene.

ltem No.	Size inches	Qty	Your Cost
3015-35	3 3/16 sq.	pack/500	52.10
3015-40	5 1/2 sq.	pack/500	111.10

Weighing Paper 🚿

Extremely smooth surface allows free flow. Pack of 500.

Item No.	Size Inches	Qty Break	Your Cost
3015-30	4 X 4	1-4	19.66
		5+	17.70
3015-32	6 X 6	1-4	32.57
		5+	29.87

28

ACCESSORIES: FOR BALANCES



Aluminum Foil Squares see page 78.

Rapid Test Methods

PERFORMANCE TESTED

TESTED

Environmental Listeria and Salmonella Rapid Test Methods

(Paradigm Diagnostics)

Performance TestedSM status from the AOAC Research Institute

Key advantages

- Specifically developed for use on food contact surfaces
- Four simple steps. Environmental testing made easy
 Bapid –
- Rapid –
- Listeria spp. positive results in 30 hours (Results cannot be considered negative until samples have been incubated for 48 hours) Salmonella spp. positive results in 24 hours
- Affordable Big-savings compared to a commercial lab
- The only equipment needed is an incubator

Product performance claims

Listeria PDX-LIB

- Sensitive Detects as low as 1 10 CFU/mL (It is recommended that presumptive positives be confirmed by FDA/BAM or USDA protocols, such as streaking Modified Oxford Media)
- Compared to other methods, such as Buffered Listeria Enrichment Broth Base (BLEB) and UVM Modified Listeria Enrichment Broth, LIB provides superior or equivalent recovery and faster detection of as low as 10-50 heat injured L. monocytogenes / mL within ~24-30 hours of incubation
- Provides higher level of selectivity and sensitivity for heat injured L. monocytogenes under binary competition conditions compared to BLEB and UVM media.
- conditions compared to BLEB and UVM media
 Comparable results to USDA methods (2% false negative; 1% false positive in real environmental samples)

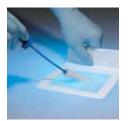
Salmonella PDX-SIB

- Contains selective agents to prevent growth of competitive microflora while providing nutrients for growth of the resistant Salmonella species.
- Sensitive 98.5% sensitivity with 95% specificity (It is recommended that presumptive positives be confirmed by FDA/BAM or USDA protocols, or PCR for confirmation)

ltem No.	Description	Qty	Qty Break	Your Cost
4160-11	PDX-LIB Media complete with pre-moistened ENVIROMAX swabs	Pack of 25 bottles and 25 sampling swab systems		261.69
4160-15	PDX-LIB Media only	Pack of 25 bottles		253.85
4160-21	PDX-SIB Media complete with pre-moistened ENVIROMAX swabs	Pack of 25 bottles and 25 sampling swab systems		268.31
4160-20	PDX-SIB Media only	Pack of 25 bottles		247.79
3059-12	ENVIROMAX Sampling System	Pack of 25	1-9	77.52
	pre-moistened pointed tip		multiple of 10	67.82

Note: Refrigerate media - 9 month shelf life for SIB, 12 month shelf life for LIB, from date of manufacture.

Detect environmental pathogens in four extremely simple steps



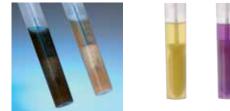
1. Remove sponge from its sterile container and swab a 4" X 4" (10 X 10 cm) area.



2. Return sponge to the same container and aseptically add one premeasured 20 mL bottle of media.



3. Incubate at 37°C for 24 or 30 hours.



4. Read results.

Listeria – a positive turns brown-black. Negative is yellow-amber (results cannot be considered negative until samples have been incubated for 48 hours).

Salmonella – a positive changes color from bluish purple to yellow.

VISIT: weberscientific.com



Bacteriological Testing

MicroSnap[™] Microbial Detection (Hygiena)

Microbial detection in 8 hours or less using bioluminescence

MicroSnap uses a bioluminogenic (light producing) test platform for the detection and correlation to numbers of bacteria. The methodology correlates relative light units (RLU) to colony forming units (CFU) as found in traditional plating and colony counting techniques.

The test consists of an enrichment device containing a specific growth medium and a detection device containing the bioluminogenic substrate. Light is generated when enzymes that are characteristic of specific bacteria react with specialized substrates. The light generating signal is then quantified in a sensitive EnSURE[®] luminometer. A positive control kit and a calibration control kit are available to provide ongoing validation and calibration checks.

The EnSURE instrument stores up to 5,000 locations, 200 user ID's and 100 test plans. It also comes with "SureTrend" data analysis software to store and track results:

- The "dashboard" puts important data right in front of you
- Pre-loaded reports are customizable and makes data analysis fast and easy
- Automated emails keeps you informed

In addition, EnSURE is capable of running multiple tests in addition to microbial detection, including:

- Environmental ATP using UltraSnap for measurement of cleaning efficiency – detects to 1.0 femtomoles
- Allergen cross-contamination prevention using SuperSnap – detects to 0.1 femtomoles
- AquaSnap for water ATP for biomass or organic residue

Four specific microbial tests are available:

• E. coli

Item No.

4161-50

- Coliform including E. coli, Klebsiella, Citrobacter, Enterobacter
- Enterobacteriaceae
 includes Salmonella, Yersinia,
 Serratia, Shigella, E. coli, Klebsiella,
 Citrobacter, Enterobacter
- Total Viable Count (TVC) which detects Gram positive and Gram negative aerobic and facultative anaerobic bacteria

Mfr Item No.

MS2-ECOLI

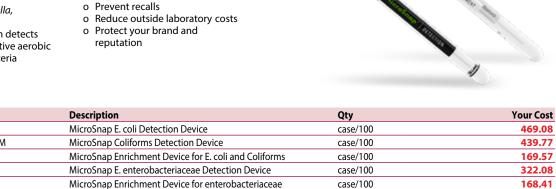
(The *E. Coli* and Coliform tests are AOAC-RI *Performance Tested*^{5M} Methods (#071020).

The first three test methods give results in 6 hours for enumeration and in 8 hours for presence/absence. The TVC test gives results for enumeration in 7 hours. These same-day results have many benefits for raw material testing, plant environmental monitoring and finished product testing:

- Raw materials
 - o Prevent contaminated materials from entering production
- o Avoid hold times that shorten shelf life
- o Prevent equipment down time
- o Quickly verify Certificates of Analysis
- Plant environment o Rapidly evaluate the effectiveness of cleaning and sanitation from a microbial perspective
- o Document due diligence
- o Identify and troubleshoot in hours instead of days
- Finished Product
 - o Release product soonero React to contamination before
 - shipment







4161-60	MS2-COLIFORM	MicroSnap Coliforms Detection Device	case/100	439.77
4161-65	MS1-CEC	MicroSnap Enrichment Device for E. coli and Coliforms	case/100	169.57
4161-66	MS2-EB	MicroSnap E. enterobacteriaceae Detection Device	case/100	322.08
4161-67	MS1-EB	MicroSnap Enrichment Device for enterobacteriaceae	case/100	168.41
4161-68	MS2-Total	MicroSnap Total Viable Count (TVC) Detection Device	case/100	169.96
4161-69	MS1-Total	MicroSnap Enrichment Device for TVC	case/100	125.98
4161-00	MS1-N-BROTH-9mL	Enhanced Nutrient Broth 9mL: Total, Coliform, & E. coli	case/100	339.58
4161-01	MS1-EB-BROTH-9mL	Enhanced EB Broth 9mL: EB, Coliform, & E. coli	case/100	301.86

· Both an enrichment device and a detection device are required.

30

📉 Weber Exclusive 💮 First case upgrade 🔶 Hazardous Materials 🛛 🗱 Ships on Ice

InSite[™] Rapid Food Contact Surface Listeria Test and Salmonella Test (Hygiena)

All-in-one test device includes reagent and swab

InSite[™] is a quick and easy presumptive test that has been specifically designed to monitor the presence of Listeria and Salmonella in environmental samples from food contact surfaces. The test contains a liquid media formulated with antibiotics, growth enhancers, and color changing compounds specific to the growth of Listeria and Salmonella species.

Key Features

InSite" | Salmo

0

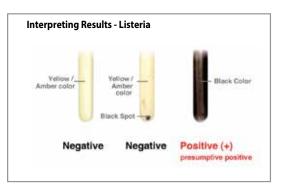
5

Listeria

- Self-contained test no transfers minimizing the chance of contamination. Easy-to-use Snap-Valve[™] technology snap & squeeze
- Only equipment required is a 37°C \pm 1°C incubator or send to lab
- Large 2.5 inch foam swab for maximum sample pickup
- Write-on swab label

Benefits

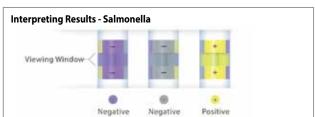
- InSite reagent is AOAC approved
- Affordable
- No reagent wastage
- Consistent, reliable results



- Product performance claims Listeria
- 30 hour incubation
- A color change from yellow to light brown/black is considered presumptive positive.
- Applicability of InSite is limited for selected common Listeria spp (L. monocytogenes, L. innocua, L. ivanovii, and L. welshmeri) on selected common surface types.
- Presumptive positive results are available for the most common Listeria spp in as little as 30 hours at levels as low as 1-10 CFU/mL (Results cannot be considered negative until samples have been incubated for 48 hours.)
- Compared to UVM and BLEB, provides superior/ equivalent recovery and faster detection of as low as 10-50 heat injured L. monocytogenes/mL within 24-30 hours of incubation.
- Provides higher level of selectivity and sensitivity for heat injured L. monocytogenes under binary competition conditions compared to BLEB and UVM media.
- Refrigerate media 12 month shelf life from date of manufacture

Product performance claims – Salmonella

- 24 hour incubation
- A color change from bluish purple to yellow is considered a presumptive positive.
- Contains selective agents to prevent growth of competitive microflora while providing nutrients for growth of the resistant Salmonella species
- Sensitive 98.5% sensitivity with 95% specificity (It is recommended that presumptive positives be confirmed by FDA/BAM or USDA protocols, or PCR for confirmation)
- Refrigerate media 9 month shelf life from date of manufacture



	Item No.	Mfr Item No.	Description	Qty	Your Cost
灕	4161-38	IS050	InSite Salmonella test kit	pack/50	416.97
灕	4161-40	IL50	InSite Listeria test kit	pack/50	417.37
灕	4161-45	IL100	InSite Listeria test kit	pack/100	790.62

Digital Dry Block Incubators (Hygiena)

Hygiena's Digital Dry Block Incubators are designed specifically for Hygiena's test devices. Capable of up to 105 °C, the incubators can be set to any temperature you require. The digitally controlled, interchangeable blocks of the Lab Format Incubator are independently heated, allowing



you to run two temperatures on one incubator at the same time – ideal for running a variety of tests. Auto-stop and sound alert features help you achieve perfect incubation time, every time.

Item No.	Mfr Item No.	Description	Your Cost
4161-80	INCUBATOR+IB003	Small Format Digital Incubator with 12-well block	414.03
4161-08	INCUBATOR	Small Format Digital Incubator for Micro-AllerSnap- Block not included	316.45
4161-85	INCUBATOR2+IB001	Lab Format Digital Incubator with 2 35-well blocks	638.63
4161-05	INCUBATOR2	Lab Format, Block(s) not included	410.47
4161-06	IB001	Swab Tube Block for Model No: INCUBATOR2 - 35 wells	116.84
4161-07	IB002	Vial Tube Block for Model No: INCUBATOR2 - 15 wells	123.94
4161-83	IB003	Swab Tube Block for Model No: INCUBATOR - 12 wells	123.37

Bacteriological Testing

Angstadt-Weber™ Milk Smear Slides 🤉 🔊

BER SCIENTIFIC

Indicator marks for improved DMSSC counts!

The hydrophobic coating delineating the circles on these slides permits rapid smearing of 0.01 ml of milk over an exact 1 cm² area. In fact, you can actually turn the slide upside down and the milk remains in place! Plus, you can write on the hydrophobic coating with just about anything - pencil, pen or marker.

The slides have 4 hash marks per circle indicating the exact beginning and ending points for true horizontal and vertical diameter strip counts. These indicator marks eliminate the need to search for your beginning point - the horizontal or vertical apex of each circle. Simply locate the indicator mark and begin counting - confident that you are counting along the diameter!

According to leading dairy QC professionals, incorrect identification of the circle's diameter is the primary source of error in strip counting. Our new slide eliminates this source of error and will enable you to achieve repeatable counts from one operator to another. Ideal for calibration of optical analyzers.

Item No.	Description	Color	Quantity	Your Cost	Qty Break	Your Cost
2009-43	5 circle slide	blue	pack/72	51.33	Multiple of 20	47.39
2009-45	5 circle slide	red	pack/72	51.33	Multiple of 20	47.39
2009-47	5 circle slide	green	pack/72	51.33	Multiple of 20	47.39
2009-49	5 circle slide	yellow	pack/72	51.33	Multiple of 20	47.39



L-W Stain for Milk Smears

For effective direct microscopic counts

Developed in our own laboratories for effective direct microscopic counts of somatic cells and bacteria All available formulations conform to APHA, Standard Methods for the Examination of Dairy Products. The stain is made in four formulations: Regular tetrachloroethane or xylene, and Canadian

tetrachloroethane or xylene. There are several differences. Both contain certified methylene blue dye while the Canadian stain contains some red basic fuchsia dye which gives the smear a pinkish background. Use is fairly evenly split between the two based upon user preference. The xylene stain is generally recommended since it's somewhat less toxic than tetrachloroethane.

ltem			Your
No.	Formulation	Qty	Cost
2001-00	Regular – xylene	Liter	75.13
2002-00	Regular – xylene	500 mL	49.92
2001-05	Regular – tetrachloroethane	Liter	134.96
2002-05	Regular – tetrachloroethane	500 mL	72.87
2001-20	Canadian – xylene	Liter	85.50
2002-20	Canadian – xylene	500 mL	51.92
2001-25	Canadian – tetrachloroethane	Liter	148.12
2002-25	Canadian – tetrachloroethane	500 mL	85.84

Enameled circles.

Dimensions: 1.0 mm thick, 1" X 3".



Item No.	Qty	Qty Break	Your Cost
2007-03	pk/72	1-19	35.97
		Multi of 20	33 24



Economical 10 µl Mini-**Pipettor** Accurately delivers

0.01 mL of milk Manufactured in

an ISO17025 certified factory, this pipettor features a high level of accuracy at a very low cost. Can be used with either microtips or standard 200µl tips (comes with one microtip and one standard tip). Fully autoclavable to 121°C. The 2-stage thumb-press includes blowout. Accuracy is $\pm 1\%$.

Item No.	Your Cost
2015-75	36.65

Pyronin Y-Methyl Green Stain Required for use when analyzing goat's milk.

Item No.	Qty	Your Cost
2002-60	500 ml.	253.22
Carnoy's Sol	ution (Fixative)	û
	`	•
Item No.		Your Cost

BACTERIOLOGICAL TESTING

ACCESSORIES: FOR MICROSCOPE SLIDES



Xylene for cleaning microscope slides see page 57. Wipes for cleaning microscope slides see page 172.

Microscopy

Coplin Staining Jar, Plastic (Bel-Art Scienceware)

This polypropylene jar improves on the classic tapered square design with a larger opening for easier placement and removal of slides. The polypropylene screw cap is 53mm in



diameter, has a flat top, easy grip larger knurled edge, deep thread and a seal ring to prevent leaks. Five internal slots hold up to 10 standard 1 x 3" or 25 x 75 mm slides back to back. The base diameter is 59.7 mm (2 3/8"), height is 114 mm (4 1/2"). Steam autoclavable at 121°C (250°F), remove cap when autoclaving.

Item No.	Your Cost
2005-10	8.85

Staining Jar, Coplin Style

With plastic screw cap. Slots take five 3" X 1" slides or 10 slides back to back. Overall dimensions: 4 1/2" high X 2.6" diameter at base.

Your	
Cost	
44.18	
	Cost

Replacement Cap

For Coplin jar. Polyethylene lining. Very economical: it pays to frequently replace your stain jar cap!

Item No. Your Cost 2005-01 0.68

Staining Dish

Takes 20 slides: 3 X 1, 3 X 1.5 or 3 X 2 inches. Consists of rectangular glass dish with glass cover,



removable glass staining frame, and a wire handle for lifting frame. Staining frame has molded slots; each slot holds pair of slides back to back. Wire handle is stainless steel. Inner dimensions: 4.5L x 7.6W x 6.4D.

Item No.	Your Cost
2006-00	171.07
Replacement Dish	68.23
2006-03	
Replacement Cover	43.30
2006-06	
Replacement Frame	34.86
2006-09	
Replacement Wire Handle	10.35
2006-12	

EasyDip[™] Slide Staining System

(Simport M900/905) A user-friendly approach for staining your microscope slides

This staining system has two components: a square staining jar and a 12-position vertical slide rack (sold individually). Jars can be loosely joined to each other laterally, making sure they are kept in the same order when moved around on the lab

counter. As an extra benefit, they are available in 5 different colors to help better identify contents or applications.

The staining jar is made of unbreakable and resistant acetal plastic. It will resist attacks by most staining agents including alcohol and xylene but not phenol. The wide stable base offers greater stability while the inside is recessed, allowing for a smaller reagent volume of only 80mL. Easy to clean and no metals to corrode. Ideal for

microwave oven procedures, special stains, frozen sections and special processes. Length: 64mm (2 1/2"), Height: 92mm (3 5/8"), Width: 76mm (3").

EasyDip Jar Item No.	Color	Qty	Qty Break	Your Cost
2005-15	Blue	each	1-5	10.26
			6+	8.97
2005-16	Green	each	1-5	10.26
			6+	8.98
2005-17	Pink	each	1-5	10.26
			6+	8.98
2005-18	White	each	1-5	10.26
			6+	8.98
2005-19	Yellow	each	1-5	10.26
			6+	8.98
EasyDip Rack			Qty	Your
Item No.	Color	Qty	Break	Cost
2005-20	Dark Gray	each	1-5	12.71
			6+	11.11

Slide Storage Box (Heathrow Sci)

Individual slots hold 100 1" x 3" slides. Color-coded ABS for easy identification. Each plastic box is secured with a rust-resistant nickel-plated clasp and hinge pin. Cork lining. Dimensions are 8.75 x 6.75 x 1.3 inches. Each slot is



numbered to correspond to the slide inventory sheet on the inside cover of the box. The boxes stack securely on top of each other

Blue Green	11.49 11.49
Green	11 40
	11.72
Red	11.49
Yellow	11.49
White	11.49
	Yellow

Solid Modular Block 🚿 Precisely control the temperature for even slide drying

Fits our digital incubator, Weber item 3178-15. This solid aluminum block significantly offers a consistent heating surface for even drying. Complete with thermometer well. Thermometer is not included, we recommend Weber item #3028-85 or similar.

Item No.	Your Cost
3178-19	138.40

800-328-8378

ACCESSORIES: FOR MICROSCOPY

Micro-Pipettors and Tips see pages 88 - 93. Block Thermometers see page 200. Dri-Bath Incubators see page 13.

BACTERIOLOGICAL TESTING



Bacteriological Testing



Economy Clinical

Your Cost

200.22

Your

Cost

3.26

2.44

Microscope (VanGuard)

- Introductory Level
- Magnification Up to 100X
- Iris Diaphragm Condenser
- 10X WideField eyepieces
- Dust cover included

Gram Stain Kit (BD Diagnostics) 👎

All the components needed for performing one of the most basic tests in microbiology: the Gram stain test for categorizing bacteria as gram-negative or gram-positive. Contains one 250 ml bottle each of Gram Iodine, Crystal Violet, Safranin and Decolorizer.



ltem No.	Qty/pk	Your Cost
2004-78	4-step four 250 mL bottles (with stabilized Gram lodine, Crystal Violet, Safranin and Decolorizer)	197.67

Item No. 2003-14 1220CM Mfr. Item No. Achromatic (DIN) 4X, 10X, 40X, 100X (Oil) Objectives 10X WideField (DIN); 18 mm F.D. Eyepieces Viewing head Binocular 30° Inclination; 360° Rotatable Nosepiece Quadruple - 4-Position; Reverse Pitch Stage 135 x 125 mm Mechanical; Drop-Down, Right-Hand, Rack & Pinion X-Y Control, 70 x 30 mm Cross Travel Range 1.25 N.A. Abbe; Iris Diaphragm; Swing-Out Filter Condenser Holder; Rack & Pinion Focusing Control Substage 20W Variable Quartz Halogen; Field Diaphrams for Koehler illumination Construction Stain-Resistant Enamel Finish Warranty 5-Year Optical/Mechanical; 1-Year Electrical Item No. 2003-14 Your Cost 924.64

Gram Stain Replacement Components (BD Diagnostics)

		-	-	-	
	ltem No.	Mfr Item No.	Description	Qty/pk	Your Cost
€	2004-80	212527	Decolorizer	4 X 250 mL	167.15
€	2004-82	212525	Crystal Violet	4 X 250 mL	131.98
•	2004-84	212531	Safranin	4 X 250 mL	166.63
	2004-87	212542	lodine, stabilized	4 X 250 mL	193.15

Gram Stain Kit

Contains one 8 oz. (250 mL) flip-top

ltem No.	Your Cost
2004-50	87.01

bottle each of 1% Crystal Violet, Gram's lodine, 0.4% Safranin, 25% Acetone/ Alcohol. Flip-top caps are packed separately in the box for secure transit.

Item No.	Your Cost
2004-50	87.01

Microscope Slides, Disposable

Ready to use does not require preliminary washing. These slides are cut and ground in a carefully controlled environment that eliminates sticking because each slide is pre-cleaned four separate times. Frosted one end, one side for easy marking with pen or pencil. Dimensions: 1.0 mm thick, 1" X 3".

Item No.	Qty	Qty Break	Your Cost
2011-01	pk/72	1-19	19.25

#1 Cover Glasses

High quality optical glass. Standard 22 X 22 mm size. Thickness 0.13 to 0.17 mm.

Item No.	Qty	Qty Break	Your Cost	Holds up to 91 slides	•
2012-25	1 oz/pk	1-9	17.73	Item No.	Your Cost
		mult. of 10	13.54	2034-12	30.66

170 pieces of cover glass = 1 oz



Economical Slide Dispenser

Makes the loading of slides very easy. Standard (3 x 1" or 25 x 75mm) slides fit effortlessly into the front. Turning either side wheel dispenses slides out one at a time.

Your Cost	Item No.
30.66	2034-12
	203412

🕅 FIRST CASE UPGRADE WEBER EXCLUSIVE

HAZARDOUS MATERIALS **SHIPS ON ICE**



Stage Micrometer

LENS PAPER

See more microscope

options at

weberscientific.com

Brightfield

Darkfield

Phase Contrast

Trinocular

Microscope Cameras Mobile Device Mounts & More

Item No. 2003-61

Rectangular 1" X 3" glass slide with scale.

Scale

2 mm

Used for measuring field size and for calibrating eyepiece.

Divisions

Lens Paper

100% lint free. 4" X 6".

Available: pad of 50 sheets.

Qty

1-9

10+

Break

0.01 mm

Item No.

2033-04



BactiZapper Infrared Micro Sterilizer

Flameless sterilization in 5-7 seconds

An asbestos-free core element uses infrared heating to produce 815°C (1500°F). It completely sterilizes microorganisms in 5-7 seconds. Instant sterilization of platinum inoculating loops, needles, glass tube/pipette mouths and various metal & borosilicate glass instruments.

The ceramic heating element is safely enclosed

in a perforated stainless steel guard chamber, protecting users from accidental contact with the extreme temperatures of the core area. It is compact, convenient and can be used in anaerobic and aerobic chambers. One year warranty; 3 months for heating element.

Max. Temp:	815°C / 1500°F
Sterilization Time:	5-7 seconds
Chamber Diameter:	0.55 in. / 14 mm
Chamber Length:	6.2 in / 157 mm
Dimensions (Ext.):	4(W) x 6(D) x 6.5(H) in. 10(W) x 15(D) x 16.5(H) cm
Weight:	2.9 lbs. / 1.4 kg
Electrical:	120V, 60Hz

Item No.	Description	Qty Break	Your Cost
2020-65	BactiZapper	1	446.26
		2+	418.39
2020-67	loop holder attachment		68.90
2020-70	3-slide dryer attachment		141.41
2020-73	replacement heater element		178.60

Plastic Forceps (Nalgene 6320)

Excellent for handling slides during staining. Scissor-type handles have ratchet that lock tips tightly shut. Reusable polypropylene is autoclavable and won't scratch slides. Pack of 12.



Item No.	Your Cost
2005-60	92.52



Consisting of fused loop, 4 mm inside diameter of B. & S. gauge No.19, 96.5 % platinum - 3.5% rhodium wire.

ltem No.	Shank Length	Your Cost
2020-00	25 mm	220.75
2020-06	75 mm	294.29

Platinum Loop Holder

Recommended for use with 0.01 ml loop. Brass construction with insulated handle. Adjustable threaded collet-type collar. 7"/175 mm overall length.

ltem	Your
No.	Cost
2022-00	24.72

Bent Point Needle

Angular, steel, sharp pointed blade in plastic handle. As specified in A.P.H.A. Standard Methods for the Examination of Dairy Products to spread milk or cream over the square centimeter area.

•	Item No.	Your Cost
2022-00	2019-30	2.78

Mobile Device Mount for Microscopes

2020-00

- Easily mount your mobile device to your microscope eyepiece
- Flexible design is compatible with most mobile phones on the market
- Capture quality images of what you're seeing through your eyepiece on your microscope with ease

Attaches to any microscope eyepiece with an outer diameter 23.2mm or larger, creating a mount that is compatible with almost any standard microscope on the market.

Item No.	Mfr Item No.	Description	Your Cost
2003-69	AD-TMD	Mobile Device Mount	36.58



Immersion Oil for Microscopy

Non-drying formulas Item Qty Dispenser Your Mfa oz./mL bottle No. Type Cost 2033-00 Cargille B high viscosity 4/118 58.16 no 2033-01 Cargille B high viscosity 16/473 70.80 no 2033-02 Cargille A low viscosity 4/118 59.84 no 2033-03 Cargille A low viscosity 16/473 60.39 no 2033-08 Resolve B high viscosity 1/30 yes -applicator rod in cap 28.49 2033-10 Resolve B high viscosity 4/118 yes - twist dispenser cap 68.56 2033-12 Resolve B high viscosity 16/473 yes - twist dispenser cap 88.06 2033-14 Resolve A low viscosity 1/30 yes - applicator rod in cap 26.24 2033-16 4/118 Resolve A low viscosity yes - twist dispenser cap 65.64 2033-18 16/473 Resolve A low viscosity yes - twist dispenser cap 73.20

Type B

800-328-8378



Lab Wipes see page 172.

BACTERIOLOGICAL TESTING

MICROSCOPY ACCESSORIES



Bacteriological Testing

Colony Counter Pen (Traceable)

A combination marker and digital counter designed for the lab and plant. Each time a black mark is made with the felt-tipped pen, it automatically emits a beep, and LCD displays the counts. Use it to count cell growth on petri dishes, inventory parts, and tally samples received.

Touch, sound, and count occur simultaneously. Impossible to make an error, even when interrupted -marks hold your place and counter holds your total. Durable ABS plastic unit pro-

vides audio/visual counts to 99999 with reset button, on/off switch, and pen cap. Size is 6 x 2/3 inches and weight is 1 ounce.

Includes one LR41 button cell battery.

ltem No.	Mfr. Item No.	Description	Your Cost
3045-40	3133	Counter Pen	24.65
3045-43	3135	Replacement Pen Cartridge, Black	9.58



Sterile Inoculating Loops

Standard rigidity. Sterile individually wrapped plastic loops eliminate the need for flaming. Highly accurate calibrated loop reverses to convenient streaking needle. Color coded.

ltem No.	Size	Qty	Color code	Qty Break	Your Cost
2023-05	0.001 mL / 1 μl	pk/500	blue		106.97
2023-06	0.001 mL / 1 μl	pk/250	blue	1-3	43.11
				4+	36.65
2023-10	0.01 mL / 10 μl	pk/500	yellow		129.34
2023-11	0.01 mL / 10 μl	pk/250	yellow	1-3	41.12
				4+	34.96



Sterile Inoculating Loops (Copan)

Color-coded and choice of rigid or flexible

Highly accurate sterile calibrated loop reverses to convenient streaking needle, perfect for picking off colonies or making stab inoculations. Choice of rigid or flexible color-coded loops. Hexagonal loop shaft improves grip and makes diluting and streaking easy. Painstakingly manufactured so a correct size droplet is formed and transferred without leaving liquid behind. Evans Blue Dye Certification of Calibration is supplied with every case. Loops are packed in tamper proof, zip-lock bags. 25 loops per bag, 1000 loops per pack.

id dark green culating loop	1 μL/0.001 mL	1 2+	93.77
<u> </u>		2+	
		21	83.35
id dark blue	10 μL/0.01 mL	1	93.77
culating loop		2+	83.35
xible light green	1 μL/0.001 mL	1	93.77
culating loop		2+	83.35
xible light blue	10 μL/0.01 mL	1	93.77
culating loop		2+	83.35
	xible light green culating loop xible light blue	id dark blue 10 μL/0.01 mL culating loop xible light green 1 μL/0.001 mL culating loop xible light blue 10 μL/0.01 mL	id dark blue 10 μL/0.01 mL 1 culating loop 2+ xible light green 1 μL/0.001 mL 1 culating loop 2+ xible light blue 10 μL/0.01 mL 1

Sterile T-Shaped Cell Spreaders

Plastic spreaders are designed for spreading and dispersing liquids across the surface of agar culture plates. Smooth rounded surfaces prevent any cutting or gouging of agar during inoculation of culture plates. The T-shape design facilitates that even pressure is applied across the entire length of the T-bar in contact with the agar surface. 10 spreaders per peel pouch, 500 spreaders per case.



Item No.	Qty	Qty Break	Your Cost
3044-55	Case/500	1-2	70.71
		3+	64.82
3044-56	Case/500 Individually wrapped	1-2	86.66
		3+	80.47

Sterile Bacterial Cell Spreader

Sterile Lazy-L-Spreaders[™] feature a L-shaped design for convenient spreading - turn the petri dish 360° to provide a smooth and even distribution. A smooth spreading surface with a slight upward return reduces the likelihood that the spreader will dig into the agar. Polystyrene. Individual spreader is 5 3/4"/145 mm high with a 1 1/4"/ 32 mm long spreading surface.



		Qty	Your
Item No.	Qty	Break	Cost
3044-48	pack/500	1-2	67.49
	sterile; pouches of 10	3+	61.87
3044-50	pack/500; ind. wrap.	1-2	90.98
		3+	84 92

BACTERIOLOGICAL TESTING

ACCESSORIES: FOR STAINING



Lab Burners see page 87. Inoculating Loops see page 38.

Plate Count Supplies



Mini Magnifier

Enlarges objects for easier viewing

- Swiveling, molded lens
- 1.75X magnification
- Lens measures 185 x 100 mm

Stans measures 207 mm H

Item No. 3045-00

Item		Your
No.	Description	Cost
3045-33	Mini Magnifier	142.14

Quebec Colony Counter (Reichert 13332500)

Uses the true Quebec darkfield principle. Contrasted against the darkfield background, the bacteria colonies are bright and readily distinguished from other structures in the agar. Dish holder is adjustable for centering round dishes up to 100 mm in diameter. The case is 10" X 11" X 10 1/2". With 40 watt lamp, white ruled Wolffhuegel guide plate and tilt leg which may be mounted to give most convenient viewing angle. 110 V. One year warranty.



3045-00	1,301.28

Electronic Register Model (Reichert 13332700)

Operated by a needle-point probe with magnetic ground. When ground and counting probes are both touching conductive agar in dish or plate, an electrical circuit is completed through the integral amplifier, thus activating the digital counter. Each probing action into the colony completes a circuit and is automatically recorded. Reset bar provides immediate zeroing of fivedigit counter. One year warranty.

Item No.	Your Cost
3045-03	2,845.00
Replacement Wolffhuegel Grid	

Colony Counter SC6 PLUS (Stuart)

Loaded with features at a good price

- Pressure-sensitive counting
- Average count facility
- Bright white energy saving LED lighting
- With BioCote antimicrobial protection
- Audible confirmation
- Choice of light or dark back ground
- · Connectivity to printer or computer

Touch pressure with felt tip marker on petri dish registers cumulative count on the digital display with confirmation by audible tone (can be turned on or off). The pressure required to register a count can be adjusted to suit each user. Averaging facility calculates average count over multiple plates. Counting results as well as useful statistics including SD can be sent directly to the accessory printer or to a computer via a USB cable supplied.

Sub-stage illumination by low energy bright LED's allows glare-free optimum viewing. A switchable black background is provided to enhance viewing of translucent and difficult to see colonies. Supplied with a Wolffhuegel graticule, segmentation dish and dish centering adapters to facilitate use with 50mm to 90mm dishes. A choice of magnifiers and a printer are available as optional accessories.

Specifications

White LED array
3 digit LED
0 to 999
12″ x 12″ x 5.5″
3.3
120 to 230V, 50 / 60Hz, 70W

ltem No.	Mfr Item No.	Description	Qty Break	Your Cost
3045-12	SC6Plus	Colony Counter (buy magnifier or printer separately)	1 2+	1,069.11 1,002.31

Accessories

SC6/1	Magnifier 1.7X	174.61
SC6/1/3	Magnifier 3X	209.63
SMP30/1	Printer	793.39
	SC6/1 SC6/1/3	SC6/1Magnifier 1.7XSC6/1/3Magnifier 3X

Replacement Parts SC6/2 3045-15 Wolfhuegel discs, pk/10 64.56 3045-16 SC6/3 Spare dish centering adaptor pk/2 29.69 3045-18 SC6/5 Receiver dish 63.31

Hand Tally Counter

4-digit unit records up to 9999. Zero reset knob. Rugged heavy-duty chrome finished case with hinged finger loop

	cop:	
Item	Qty	Your
No.	Break	Cost
3045-05	1-4	13.41
	5+	10.62



800-328-8378

ACCESSORIES: FOR PLATE COUNT SUPPLIES

Your Cost



Culture Incubators see pages 13 - 14.

BACTERIOLOGICAL TESTING

WEBER SCIENTIFIC

Bacteriological Testing





Disposable Petri Dish 🥆

An outstanding value for a truly "industry standard" top-quality culture dish. 100% sterility guaranteed. Excellent optical clarity with no cracks or stress marks. Heavyweight. Consistently flat bottoms with no more than 0.005" off flat from edge to center. Excellent packaging.

_					
Item	New Sectors	Description	0	Qty	Your
No. 3050-00	Nominal Size	Description Semi-Stackable	Qty case/500	Break	Cost 86.82
3030-00	(83 mm	20 sleeves/25	case/500	10-19	83.20
	diameter)	units each		20+	83.20
	uluinetel)			20+	81.44
3050-21	100 X 15 mm	Fully Stackable	case/500	1-9	82.38
	(83 mm	20 sleeves/25		10-19	78.61
	diameter)	units each		20+	76.78
3050-10	100 X 15 mm	Slippable	Case/500	1-9	87.76
	(83 mm	20 sleeves/ 25		10-19	84.14
	diameter)	units each		20+	82.39
3050-11	100 X 15 mm	I-plate (2 sections)	Case/500	1-9	105.86
	(83 mm	Slippable 25		10+	100.13
	diameter)	sleeves/			
		20 units each			
3050-25	100 X 10 mm	Space Saver	Case/750	1-9	129.93
	(83 mm	Semi-Stackable		10-19	124.09
	diameter)	25 sleeves/		20+	119.10
		30 units each			
3051-10	150 X 15 mm	Slipable	case/100	1-15	77.04
	(136 mm	10 sleeves/10		16+	70.26
	diameter)	units each			
3051-15	60 X 15 mm	Fully Stackable	case/500	1-19	87.84
	(54 mm	25 sleeves/20		20+	76.35
	diameter)	units each			

Petri Dish Handled Rack (Bel-Art Scienceware)

This rack is useful for safe transport and incubation of 100mm Petri dishes and helps to streamline benchtop sample processing. Each rack holds up to forty-two Petri dishes with lids, configured in six columns of seven plates. The base area is large enough to be stable but small enough to preserve bench top space. Up to four racks can be stacked together, and all interlock to prevent an accidental knock over. Access slots under the bottom Petri dishes allows a stack of



dishes to be safely removed from the rack using a secure grip that places a finger under the bottom dish and thumb on top of the lid of the top dish. A large center divider provides space for labeling and incorporates a handle that does not interfere with the samples. To maintain sterility and ensure long-term performance, all parts are molded with white polypropylene and are steam autoclavable at 121°C (250°F). Racks are shipped flat and can be easily assembled. Overall dimensions are 33L x 21W x 17.8H cm (13L x 8 1/4 W x 7"H)

Item	Your
No.	Cost
3050-92	73.60

Scienceware® Poxygrid® Petri Dish Dispensing Racks (Bel-Art Scienceware 18978/9)

Dishes are easily dispensed one at a time from the bottom of the stack. Each epoxy coated rack holds 14 100 mm X 15 mm (nominal size) plastic dishes per stack. Dishes are loaded at the top and dispensed at the bottom. The rack tilts toward the rear for convenient presentation of dishes. Not suitable for glass petri dishes.



Item No.	Size L x W x H	Your Cost
3050-60	5 3/4" X 4 1/4" X 11" 145 X 108 X 280 mm	42.94

Petri Dish Stackable Incubation Tray



These stackable polypropylene trays will increase incubator capacity, benchtop workspace and storage area capacity. Designed to hold five 100mm dia. or fifteen 60mm dia. Petri dishes. Each tray has two large label areas for sample identification.

nple identification.	•
Qty	Your Cost

3/pk

💦 WEBER EXCLUSIVE 🛛 🕅 FIRST CASE UPGRADE

Item No. 3050-80

HAZARDOUS MATERIALS MATERIALS

67.26

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details

Complete with a Certificate of Conformance

Weber Scientific

Certificate of Conformance

0.001 mL Platinum Loop, For Plate Loop Method

As specified in APHA+, Standard Methods for the Examination of Dairy Products. Fused loop of B. & S. gauge No. 26 platinum-rhodium wire. This alloy is 96% platinum and 3.5% rhodium.

3029-04 comes with a Certificate of

Compliance certifying that the loop has been checked against a #53 and #54 twist drill for size conformance.

Item No.	Size	Your Cost
3029-00	25 mm shank	155.90
3029-04	75 mm shank	194.43

•

3029-04

0.01 ML Platinum Loop, For Plate Loop Method 🚿

Fused loop, 4 mm inside diameter of B. & S. gauge No. 19, 96.5% platinum and 3.5% rhodium wire.

Item No.	Size	Your Cost
2020-00	25 mm shank	220.75
2020-06	75 mm shank	294.29

Pipetting Assembly (Cadence)

Graduated glass syringe is fitted with spring-loaded metal holder, with finger rings and thumb rest for one hand operation. Filling assembly contains a two-way valve and side arm, and is supplied with 510 mm of flexible rubber tubing and metal inlet sinker. The two-way valve permits refilling the syringe when pressure on the plunger is released after delivery. (14 gauge pipetting needle must be purchased separately.)

2 mL capacity, adjustable from 0.2 – 2.0 mL in 0.1 mL graduations.

Item No.	Description	Your Cost
3043-00	2 mL pipetting assembly	659.29

Assembly instructions are available. Visit weberscientific.com – or please call 800-328-8378 for assistance.

Item No.	Description	Your Cost
3043-01	Replacement Syringe, 2 mL capacity. With Luer-lock® fitting.	129.69
3043-02	Replacement Tubing. Available: per foot.	3.85
3043-03	Optional 14 Gauge blunt pipetting needle. 4" long. Type 304 stainless steel with chrome plated luer hub.	29.22
3043-05	Replacement o-rings and small springs (2 of each).	24.58
3043-07	Replacement large plunger spring for 3043-00	16.64

QD-Loop™ Sample Dilution Device (Hygiena)

Ingenious all-in-one sterile system for accurate and convenient volumetric dilutions

An accurate calibrated loop on a 4 1/4" shaft comes attached to a cap containing a reservoir of 1 mL of buffer, and is enclosed in a clear plastic sheath. Loops calibrated for 1:100 or 1:1000 dilutions are available. Using a patented Snap-Valve™ technology, you simply remove



the cap and loop from it's sheath, place the loop back into the holder, snap the integrated valve, squeeze the bulb to wash the sterile water over the loop, and pour the 1 mL dilution into a dish or tube for culturing. With this singleservice device dilutions have never been more simple or convenient.

Available in a pack of 250.

ę

ltem No.	Loop Size	Dilution	List Price
3662-10	1 μl - 0.001 mL	1/1000	289.17
3662-20	10 μl - 0.01 mL	1/100	278.20

Stay Safe with Weber Scientific



Disposable Gloves (Nitrile, Latex, Vinyl, Polyethylene) Reusable Gloves Eye & Ear Protection Safety Apparel (Lab Coats, Arm Guards, Bouffant Caps)

Find all the safety supplies you need to keep your facility safe with our Safety Supplies.

See page 119

PLATE LOOP METHOD

800-328-8378

ACCESSORIES: FOR PLATE COUNT SUPPLIES

BACTERIOLOGICAL TESTING



Micro-Pipettors see pages 88 - 93. Autoclaves and Autoclave Accessories see pages 6 - 9. 90 & 99 mL Dilution Bottles see pages 46 - 47.





Easygel[™] Media (Micrology Laboratories)

Easygel (previously available as Redigel from 3M) replaces agar in microbiological media. This ingenious culture media uses pectin (the agent that puts the gel in jelly and jams) and not seaweed derived agar as a gelling agent. It comes as a sterile 2-part test unit consisting of a bottle of liquid medium and a petri dish that is pretreated with a special formulation. Here's how it works: When the bottle of liquid medium is poured into the pretreated petri dish, ions diffuse from the pretreatment layer into the liquid causing it to gel. Complete gelling takes around 40 minutes. The result is an instant, hassle-free petri dish: where you want it and when you want it. Adding inoculum is done by a variety of simple methods (pour plate, streak plate or membrane filter). If desired, the individual bottles can be lined up and samples can be added directly, swirled and poured for rapid large scale testing. With Easygel, you spend less time preparing and more time performing. Easygel Standard Plate Count and Violet Red Bile are Official AOAC methods and are APHA approved for food, dairy and beverage testing.

ltem No.	Mfr. Item No.	Description	Storage Upon Receipt	Appearance	Qty	Your Cost
3093-50	28001	Coliform (contains a defined substrate indicator and coliform colonies will be blue-green)	freeze	blue-green		72.10
3093-25	42001	MRS	ambient	colorless	Pack of 50	92.66
3093-30	44001	Orange Serum	ambient	 yeast are shiny white bacteria can be white mold can be various 	test kits (50 bottles of liguid	82.35
3093-35	31001	Potato Dextrose, pH balanced (acidified)	ambient	 yeast are shiny white molds have fuzzy surface in various colors 	medium and 50 treated	83.75
3093-40	32001	Potato Dextrose w/Antibiotic, pH balanced (acidified)	freeze	same as above	petri	77.21
3093-55	11001	Standard Plate Count	ambient	colorless or white	dishes)	79.52
3093-60	12001	Standard Plate Count w/T-Salt	ambient	pink or red	_	70.00
3093-65	21001	Violet Red Bile	ambient	pink to brick-red		72.10
3093-95	RPD20	Extra petri dishes	ambient		pack/20	15.86
3093-96	TPD20	Extra petri dishes treated with T-Salt	ambient		pack/20	14.04



Coliscan™ Easygel Media (Micrology Laboratories)

EPA approved for investigations of E. coli and other coliforms

This medium marks coliforms and E. coli in differing colors for easy identification and isolation. Coliform bacteria will grow as pink-magenta colonies while E. coli will grow as purple-blue colonies. Other bacterial types will generally grow as non-colored colonies. Storage: Freeze. Medium and dish shelf life: 1 year. Dish storage: Room temperature.

ltem No.	Mfr. Item No.	Description	Appearance	Qty	Your Cost
3093-45	25001	Coliscan Easygel Medium for the growth of E. coli and Coliform bacteria.	E. coli are purple-blue Coliforms are pink-red	Pack of 50 test kits (50 bottles of liquid medium and 50 treated petri dishes)	133.52
3093-70	CMF01	Coliscan MF Medium for the growth of E. coli and Coliforms with membrane filtration.	same as above	20 mL bottle, sufficient for 10 tests	20.00

ECA CHECK® Easygel for Foods and Beverages (Micrology Laboratories)

Rapid Screening for E. coli, Total Coliforms, Aeromonas and Salmonella

This media was developed and formulated to enhance maximum versatility with clarity, ease of use and interpretation. For normal test samples of many types, they will grow, differentiate, identify and quantify E. coli, other coliforms, Salmonella spp., and Aeromonas spp. while inhibiting gram positive organisms and some other gram negative types. Instructions specify a 24-hour incubation period. In actuality, most samples can be accurately read as early as 18 hours incubation time. Interpretation is as follows (the use of a 10X magnifier will facilitate accurate reading of results):

- E. coli colonies will appear as a dark blue color and may have a slight colored halo.
- Other Coliforms will appear as lighter blue-gray colored colonies generally, but may show variation toward
 purplish/pink depending upon the relative amounts of the various enzymes they produce.
- Salmonella spp. grow as light green colonies which darken with age. (They are indole negative).
- Aeromonas spp. grow as pink (sometimes very light pink) colonies. (They are oxidase positive).

ECA Check	pack/50 test kits	189.38
	ECA Check	ECA Check pack/50 test kits

BACTERIOLOGICAL TESTING

ACCESSORIES: FOR PETRI DISHES

Bacteriological Pipets see page 96. Autoclave Bags see page 8.

Film Media

Easy Plate Prepared Media Plates

Make Microbiological Testing of Food Easier

Save time and budget by making the switch to Easy Plate Prepared Media Plates, the convenient solution for faster and easier microbiological testing. Using a time-tested and AOAC validated culture media methodology, Easy Plate comes in a ready-to-use, space saving stackable film plate format that reduces waste, eliminates preparation time, and streamlines your test procedures. Each Easy Plate is specialized for a specific target organism or organism group with options for Aerobic Bacteria (AC), Coliforms (CC), *E. coli*/Coliforms (EC), Staphylococcus aureus (SA), Yeast and Mold (YM-R) and *Enterobacteriaceae* (EB).

SAVE TIME & SPACE

- No need for messy media preparation or sterilization.
- Faster sample inoculation without special equipment.
- Slim profile & stackable design makes Easy Plate easy to store and incubate.

SIMPLE OPERATION, RELIABLE RESULTS

- Test results correlate well with conventional plate method testing.
- Easy to operate with minimal training.
- AOAC Research Institute (AOACRI) Performance Test Methods (PTM) and MicroVal Certified.

REDUCES WASTE & INCUBATION SPACE

- Increase your incubation volume! Easy plates take up 1/20th of the space needed by a petri dish.
- Greenhouse gas emissions reduced compared to traditional agar plates.



5300-50 Aerobic Bacteria Incubation: 48 ± 2 hours at $35^{\circ}C \pm 1^{\circ}C$



5300-52 *E. coli* / Coliform Incubation Time: 24 ± 1 hours at $35^{\circ}C \pm 1^{\circ}C$



5300-54 Yeast and Mold Incubation Time: 48 ± 2 hours at $25^{\circ}C \pm 1^{\circ}C$

800-328-8378



TUY JULY 18. 14 188



5300-53 Staphylococcus aureus Incubation Time: 24 ± 1 hours at 35 or 37°C ±1°C



5300-56 Enterobacteriaceae Incubation Time: 24 ± 1 hours at 35 or 37°C ±1°C



Remove Easy Plate from package

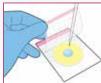


Liquid will spread to fill the entire media ring - no spreader required





Incubate - times and temperatures vary



Dispense 1 drop within the media ring



Bright, easy-to-ready colonies may be counted manually



Close the film layer

Optional Step



Free Automated Colony Counting Software available (Requires scanner **5300-55**)

	Item No.	Target Microorganism	Mfr. Item No.	Product Description	Qty	Your Cost
灕	5300-50	Aerobic Bacteria	61973	Easy Plate AC	Pack of 100	64.29
灕	5300-51	Coliform	61974	Easy Plate CC	Pack of 100	65.60
襋	5300-52	E. coli / Coliform	61975	Easy Plate EC	Pack of 100	74.78
灕	5300-53	Staphylococcus aureus	61976	Easy Plate SA	Pack of 100	104.96
灕	5300-54	Yeast and Mold	61977	Easy Plate YM-R	Pack of 100	120.70
灕	5300-56	Enterobacteriaceae	61978	Easy Plate EB	Pack of 100	76.79
	5300-55		Brother Industries Scanner Model ADS-4300N	Scanner for Use with Colony Counting System Software	Each	538.43





Bacteriological Testing

Charm® Peel Plate® Microbial Tests

Simplified Culture Method For Detecting Microorganisms

Charm Peel Plate Microbial Tests are simplified culture methods for detecting microorganisms. AOAC-RI recently granted performance tested method status to Charm Peel Plate AC, EC, CC, and YM tests. The Peel Plate EB Microbial Test received MicroVal certification harmonized with AOAC Official Method of Analysis First Action Status. The methods follow conventional microbiologic procedures for time and temperature of incubation. An air gap between the plate and cover allows colony picking and determination of microbial morphology. Peel Plate tests are for use in dairy products, ground meats, other foods, contact environmental surfaces, and water. There are 1 mL sample volume Peel Plate tests for aerobic bacteria (Peel Plate AC test), heterotrophic count (Peel Plate HET test) and Staphylococcus Aureus (Peel Plate CC test), coliforms/E. coli (Peel Plate EC test), enterobacteriaceae (Peel Plate EB test), and yeast and mold (Peel Plate YM test). Each version of these tests contains non-selective or selective medium with color producing enzyme substrates to produce visual colonies.

The tests are prepared media in a shallow dish with an adhesive top. Just add the sample to the middle and it diffuses through the media and solidifies. Invert the test, stack multiple tests together (if appropriate), and incubate. The Peel Plate tests are intended for microbiological laboratories, but may also be used by food quality stakeholders such as farmers, milk processors, and water municipalities.



Charm Peel Plate AC Microbial Test

(Aerobic Count) use conventional standard plate count formulation with red producing TTC enzyme substrate. Aerobic bacteria produce red colonies.



Charm Peel Plate CC Microbial Test

(Coliform) use conventional EC media with color producing enzyme substrates and produce easy to interpret red colonies. A Peel Plate CC Microbial Test for Cultured Dairy is also available.

High Volume versions are available for 5 mL sample.



Charm Peel Plate EB Microbial Test

(Enterobacteriaceae) use conventional EB formulation and produces colored colonies.

A Peel Plate EB Microbial Test for Cultured Dairy is also available.

High Volume versions are available for 5 mL sample.



Charm Peel Plate EC Microbial Test

(E. coli and Coliform) use conventional EC media with color producing enzyme substrates. Coliforms produce easy to interpret red colonies. Generic E.coli produce blue/purple colonies. A Peel Plate EB Microbial Test for Cultured Dairy is also available. High Volume versions are

High Volume versions are available for 5 mL sample.



Charm Peel Plate HET Microbial Test

Nutrient-depleted media encourages the growth of heterotrophic (HET) organisms in water. Incubation at 25°C produces red growth spots within 5 to 7 days. Heterotrophic count uses conventional R2A formulation with red producing TTC enzyme substrate. Heterotrophic bacteria produce red colonies.



Charm Peel Plate SA Microbial Test

(Staphylococcus aureus) use conventional Baird Parker Agar formulation with dark purple producing enzyme substrate. Staphylococcus aureus produce purple colonies with white centers.



Charm Peel Plate YM Microbial Test

(Yeast and Mold) use conventional potato dextrose formulation and produces blue/green colonies.

High Volume versions are available for 5 mL sample.

Time and Incubation:

	AC	cc	EB	EC	HET	SA	YM
Time	48 ± 3 hr	24 ± 2 hr	24 to 48 hr	24 ± 2 hr	5 to 7 days	24 to 48 hr	3 to 5 days
TEMPERATURE							
Dairy	32 °C ± 1°	32 °C ± 1°	37 °C ± 1°	32 °C ± 1°	N/A	35 to 37 °C	25 °C ± 3°
Water	N/A	N/A	N/A	35 °C ± 1°	25 °C ± 3°	N/A	N/A
Other Products	35 °C ± 1°	35 °C ± 1°	37 °C ± 1°	35 °C ± 1°	25 °C ± 3°	35 to 37 °C	25 °C ± 3°

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Microbial Test Systems



- Reliable detection and quantification of hygienic indicator bacteria
- No preparation needed, just dilute sample/food into the quantifiable range and add sample and incubate
- Self-wicking; No spreading device needed
- Able to pick colonies for additional microbial isolation and identification
- Convenient plate stacking up to 20 plates high for improved air circulation
- No pH adjustment needed for acidified food products
- Robust performance with neutralizing buffers used in environmental surface samples
- Simple color indication of bacteria
- Coliform and E. coli detection without additional confirmatory step or difficult gas interpretation
- Aerobic quantitative range: 25 to 250 CFU/mL and Coliform/E. coli quantitative range: 1 to 154 CFU/mL
- Peel Plate tests are 47 mm diameter, convenient for water filters and 100 mL water samples or larger
- 12 months refrigerated shelf life in a resealable foil zip bag

Item No.	Mfr. Item No.	Description	Qty	Qty Break	Your Cost
4150-03	PP-AC	Aerobic Plate Count Peel Plate	Pack/100		78.84
4150-10	PP-EC	Coliform and E. Coli Peel Plate	Pack/100		99.81
4150-11	PP-ECHV	Coliform and E. Coli Peel Plate High Volume	Pack /25	1-3	64.94
		-		4+	63.21
4150-42	PP-EC-CD	Coliform and E. Coli Cultured Dairy Peel Plate	Pack /50		99.75
4150-43	PP-EC-CD-HV	Coliform and E. Coli Cultured Dairy Peel Plate High Volume	Pack /25	1-3	71.43
				4+	66.43
4150-12	PP-CC	Coliform Peel Plate	Pack/100		78.78
4150-13	PP-CCHV	Coliform Peel Plate High Volume	Pack/25	1-3	48.28
				4+	46.77
4150-40	PP-CC-CD	Coliform Cultured Dairy Peel Plate	Pack /50		92.07
4150-41	PP-CC-CD-HV	Coliform Cultured Dairy Peel Plate High Volume	Pack/25		46.93
4150-16	PP-YM	Yeast and Mold Peel Plate	Pack/100		110.87
4150-17	PP-YMHV	Yeast and Mold Peel Plate High Volume	Pack/25	1-3	58.33
				4+	56.46
4150-48	PP-SA	Staphylococcus aureus Peel Plate	Pack /50		128.44
4150-22	PP-EB	Enterobacteriaceae Peel Plate	Pack/100		99.74
4150-45	PP-EB-CD	Enterobacteriaceae Cultured Dairy Peel Plate	Pack /50		98.32
4150-46	PP-EB-CD-HV	Enterobacteriaceae Cultured Dairy Peel Plate High Volume	Pack/25	1-3	61.90
				4+	59.38
4150-18	PP-HET-50	Heterotrophic (HET) Count Peel Plate	Pack /50		92.57
4150-50	PP-COLONY	Colony Counter- Including wireless keyboard/touch pad	Each		Ask for
	COUNTER	(bar code and printer optional accessories)			Quote

Approvals

- AOAC-RI and PMO-NCIMS approval for Peel Plate EC, CC and AC tests. YM test is AOAC-RI approved.
- Voted by the National Conference on Interstate Milk Shipments (NCIMS) for inclusion into Pasteurized Milk Ordinance.
- Peel Plate EC (Coliform and E. Coli) test awarded performance Test Method Status 061501 by AOAC Research Institute for total coliform in dairy products and/ or *E. coli* and for coliform detection in surface rinses and foods such as ground meat, eggs, chocolate and dry dog food.
- Peel Plate AC (Aerobic Count) microbial test has received AOAC Research Institute approval 071501.
- Peel Plate YM (Yeast and Mold) microbial test has received AOAC Research Institute approval 061601.

You'll find valuable instructions for each test under the document tab at http://www.weberscientific.com/ charm-peel-plate-microbial-test. Included are:

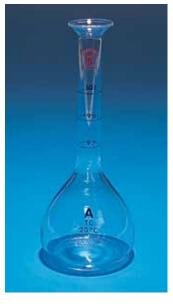
- Operator Manuals
- Flow Charts
- Interpretation Guide
- Literature Sheets
- Technical Report on Colony Spreaders
- White Board Video



⁴¹⁵⁰⁻⁵⁰ Peel Plate Colony Counter



Bacteriological Testing



Dilution Bottle Volumetric Measuring Flask 🚿

Checking the Fill Accuracy of Your Dilution Bottles is Essential...

This Flask Makes it Easy.

Three etched marks at 97, 99 and 101 mL for positive calibration of the fill accuracy of diluent. Manufactured in strict accordance with "Class A" volumetric specifications. Standardized at 20° C. Calibrated "to contain".

Item No.	Your Cost
3027-40	199.45



Container Wrench

Heavy-duty container wrench for 70mm caps & 3/4" slotted drum plugs. Easy to use, lightweight and made of fiberglass filled nylon. Nonsparking.

Item No.	Qty	Your Cost
4411-00	each	28.15



Dilution Bottle Cap

Permanently bonded liner won't come loose!

Fits narrow neck milk dilution bottles with 28-400 finish. Black (white pictured).

Item No.	Qty Break	Your Cost
3026-12	1-49	1.76
	50+	1.41

Deionized Water 🚿

Tested to meet specifications according to Standard Methods for the Examination of Water and Wastewater, 21st edition, 9020:II Quality of Reagent Water Used in Microbiology Testing, and NELAC 4.1, Requirements for Laboratory Pure Water.



Item No.	Qty	Qty Break	Your Cost
4118-10	4 liter bottle	1-3	14.93
		4+	12.45
4118-15 🕎	20 liter Cubetainer	1	30.18
-		2+	26.81

Escher Milk Dilution Bottle Stopper 🚿

This hard-to-find stopper is now a Weber Scientific Exclusive. 75 mm long soft flexible rubber with a 42 mm long extension to keep stopper from falling out during autoclaving. As specified in APHA, *Standard Methods* for *the Examination of Dairy Products*, this is the stopper of choice for all plain neck dilution bottles, yet is suitable for use on screw finish bottles as well. High-quality rubber is repeatedly sterilizable.



		Qty	Your
Item No.	Qty	Break	Cost
3026-20	pack/12	1-9	67.73
		10+	60.65

Buffer Dilution Water Pillows (Hach)

The Buffered Dilution Water Pillows, magnesium chloride and potassium dihydrogen phosphate, makes 25 L of dilution water



at a ratio of 1 liter of distilled water per pillow. Recommended for diluting most nonpotable and wastewater samples. Pack of 25 pillows.

our Cost
61.70

Save time by switching to Pre-Filled Dilution Bottles

Sterilized and ready to go whenever you need them. Weber DB[™] Sterilized Pre-filled Dilution Bottles are trusted by labs everywhere with millions of bottles used year after year.

See more on pages 46 - 47





BACTERIOLOGICAL TESTING

ACCESSORIES: FOR SERIAL DILUTIONS



Various Dispensers see pages 99 - 100. Volumetric Cylinders see pages 71 - 72.

Serial Dilutions

Reusable Plastic Dilution Bottle With Screw Cap (Nalgene 2500)

Break-resistant and repeatedly autoclavable. Unique feature: molded-in graduations at both 90 mL and 99 ml .

CONTACT-CLEAR POLYPROPYLENE COPOLYMER. Accurate to ± 4 mL. With useful temperature range of -40 to +121° C.

Item No.	Description	Size (mL / oz)	Qty	Qty Break	Your Cost
3027-01	Wide Mouth	200 / 7	pack/12	1-3 Multiples of 4	144.88 113.34

TRANSPARENT POLYSULFONE. Accurate to ± 1 mL. With useful temperature range of -100 to $+165^{\circ}C$.

ltem No.	Description	Size (mL / oz)	Qty	Qty Break	Your Cost
3027-11	Wide Mouth	200/7	pack/12	1-3	228.55
				Multiples of 4	180.89
3027-15	Narrow Mouth	200/6.75	pack/12	1-3	214.21
				Multiples of 4	199.26



3027-11

Milk Dilution Bottle With Screw Cap, Narrow Mouth (Kimble 14915/14925) Reusable heavy-weight borosilicate glass. Total capacity is 160 mL. Standard 28 mm neck. Black phenolic screw cap has cemented-in rubber liner suitable for autoclaving.

Item No.	Description	Qty	Qty Break	Your Cost
3026-00	etched graduation line at 99 mL	case/48	1-2	532.02
			3+	498.77
3026-05	without graduation line	case/48		378.42

Milk Dilution Bottle With Screw Cap, Wide Mouth (Corning 1368/1373)

Reusable heavy-weight borosilicate glass. Total capacity is 160 mL. Wide 40 mm neck opening.

ltem No.	Description	Qty	Qty Break	Your Cost
3027-26	etched graduation line at 99 mL	pack/12	1-3	130.24
			Multiples of 4	113.82
3027-31	without graduation line	pack/12	1-3	112.26
			Multiples of 4	99.06

Wide Mouth French Square Bottle (Qorpak)

Use as a wide mouth dilution (or media storage) bottle. Made of standard soda lime glass — which costs less than borosilicate glass — yet can be autoclaved with correct technique. Large 8 ounce capacity. Attached black phenolic (thermoset) rubber lined caps are autoclavable. The Liner is compliant with FDA 21 CFR 177.2600 Rubber Articles Intended for Repeated Use. The liner exhibit good resiliency and resistance to moisture vapor. The closures provide consistent adherence to close dimensional tolerance.

Item		Your
No.	Qty	Cost
3027-20	case/24	113.61

Replacement Caps for #3027-20

Item No.	Qty	Description	Your Cost
3027-22	each	43-400 Black Phenolic Rubber Lined Cap	1.32

Extra Large Capacity Milk Dilution Bottle (Kimble 14250)

250 mL capacity from neck to base. Borosilicate glass with standard 28 mm neck opening. 50 X 50 mm outside cross-section. No graduation mark.

Item		Your
No.	Qty	Cost
3026-08	case/48	278.90

VISIT: weberscientific.com



3027-01



3027-26





3027-20

3026-08



Weber DB[™] Sterilized Pre-filled Dilution Bottles **▼** 🌚

Tamper evident sterility strip is integrated as part of the cap. It is much easier to open and use. Never hassle with shrink bands again!

Every bottle is pre-filled to either 99 or 90 mL ±2 mL, buffered to pH 7.2 \pm 0.2, has an overall capacity of 150 mL, and is recyclable. Two formulations are available:

Butterfield's Buffer for foods and dairy products (APHA, FDA, AOAC or USP methods). Contains purified water, monobasic potassium phosphate and sodium hydroxide for pH adjustment.

Phosphate Buffer for water and wastewater (APHA or EPA methods). Contains magnesium chloride, monobasic potassium phosphate and sodium hydroxide for pH adjustment.

Huge freight savings and faster delivery throughout the United States

Dilution bottles now ship out of our Nevada warehouse for delivery to Western states and out of



for selected Southern and Midwestern states. Customers in these areas will realize significant freight savings plus shipments will be received sooner.

Eastern states will continue to receive fast and economical service from our facility in New Jersey.

Easier to store, Greener packaging

60% smaller footprint and 3 times less corrugated waste than the competition

Would you like to evaluate a free sample?

Please let us know which DB product you would like to evaluate when making your request.

BACTERIOLOGICAL TESTING







Advantages
Confidently sterilize outside of cap
ink withstands 70% Isopropyl Alcohol
The only PET disposable dilution bottle available
 permits meticulous visual inspection of contents
 virtually eliminates cracking or breaking in handling or shipping safer - avoid release of contents if dropped
The highest sterility level available
no chance of microbial contamination - none
 enhances aseptic handling and reduces chance of contamination promotes use of two hands for superior ease-of-use only one sample identification number needed, not two stays open at a positive 90° angle leak-proof - samples can be vigorously shaken without fear
You'll love not having to hassle with shrink-bands
 much easier to open than shrink-wrap, especially when wearing gloves
 can be shipped by ground or air - no transportation limits -holds up to rough handling
convenient for liquid or solid samples
The longest shelf-life in the industry

no worry about expired product; no waste saves money

ACCESSORIES: DILUTION BOTTLES

extended expiration dates



400 mL Phosphate Buffer see page 133.

Serial Dilutions

Weber DBs are strictly manufactured per Standard Methods for the Examination of Dairy Products and Standard Methods for the Examination of Water and Wastewater.



ltem No.	Formulation	Fill mL	Qty	Qty Break	Your Cost
3127-14	Butterfield's Buffer	99mL	case/72	1-11	50.62
				12-24	43.56
				25+	41.71
3127-44	Butterfield's Buffer	90mL	case/72	1-11	50.62
				12-24	43.56
				25+	41.71
3127-29	Phosphate Buffer	99mL	case/72	1-11	50.62
				12-24	43.56
				25+	41.71
3127-59	Phosphate Buffer	90mL	case/72	1-11	50.62
				12-24	43.56
				25+	41.71



Disposable dilution bottles are cost effective!

Compare for yourself. We encourage you to complete this worksheet to calculate your annual savings of using disposables. Go to weberscientific.com to learn more.

Certificate of Analysis (COA) is available online!

This product is made in strict compliance with specifications as published in the most recent edition of APHA Standard Methods for the Examination of Dairy Products; APHA Standard Methods for the Examination of Water and Wastewater; APHA Compendium of Methods for



the Microbiological Examination of Foods:

FDA Bacteriological Analytical Manual; FDA Milk Laboratory Evaluation Form 2400; United States Pharmacopoeia.

Each lot is thoroughly tested in house with toxicity done by an independent testing laboratory, and is released only after passing all specifications for pH, sterility, toxicity, fill volume, and package integrity and markings. The COA indicates that each particular lot passes all of these specifications. Specific results are given for pH and toxicity analysis.

To obtain a copy of the Certificate of Analysis (COA), have your lot number ready and go to weberscientific.com/DB

Pre-filled 9mL Dilution Tubes 🚿 Perfect for small volume samples 9mL of Butterfield's Buffer pH 7.2 \pm 0.2. open for easy use. of manufacture. Butterfield's Buffer for Gamma radiated for a 10⁻⁶ sterility assurance level.

Item			Your
No.	Description	Qty	Cost
3127-09	Sterile 9ml Dilution Tube	Case/100	74.91

- Every tube is pre-filled to
- Attached hinged-lid stays
- 2-year shelf life from date
- Recyclable
- foods and dairy products (APHA, FDA, AOAC and USP).
- Comprehensive CoA supplies for every lot.
- Smaller footprint, saves you space when working with smaller volume samples.

Choose from top-quality culture media brands.

Between the BBL® and Difco® brands BD Diagnostic systems offers over 250 different formulations for food, beverage, dairy, water and wastewater and industrial microbiology, as well as for cosmetics and pharma¬ceutical industry testing. Please be sure to ask if what you need is not listed. Also, you're invited to contact us for volume pricing.



Alpha Biosciences. This ISO 9001:2008 manufacturer blends the highest quality raw materials into a finished product of premium standards and terrific prices!

DescriptionBrandQtHem No.Hem No.Hem No.CostA-1 MediumDifco500 gram2182313086-25198.03Determination of fecal coliforms in water and foods.Alpha Biosciences500 gram2536103095-03371.60Anaerobic AgarDifco500 gram2536103095-03276.003095-03276.00Cultivating anaerobic microorganisms.Alpha Biosciences500 gramA01-1013116-02600.01Cultivation of Lactobacilli and other organisms whichAlpha Biosciences500 gramA01-1013116-02600.02Cultivation of Lactobacilli and other organisms whichAlpha Biosciences500 gramA01-1013116-01106.02Bacteriological AgarAlpha Biosciences500 gram802-1023116-0889.22Bacteriological AgarAlpha Biosciences2 Kg802-1023116-09331.00Staphylococci.Difco500 gram802-1233116-21642.11Barney Miller AgarAlpha Biosciences2 Kg802-1233116-21642.11Brane Miller AgarAlpha Biosciences2 Kg802-1233116-21642.11Braney Miller AgarAlpha Biosciences2 Kg800 gram210.033095-20243.20For detection of fastidious microorganisms.BBL500 gram274.003095-20243.20Solation of coliform bacteria.Difco500 gram241.013116-21334.32Cultivation of non-fastidious microorgan				Mfr	Weber	Your
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For detection of beer spoilage organisms.Alpha Biosciences2 KgB02-1253116-21642.11Brain Heart Infusion Cultivation of fastidious microorganisms.BBL500 gram2110593083-50200.58Brilliant Green 2% Bile Broth Isolation of coliform bacteria.Difco500 gram2740003095-20243.20Buffered Peptone Water Cultivation of non-fastidious microorganisms.Alpha Biosciences500 gramB02-1213116-1333.43Cultivation of non-fastidious microorganisms.Alpha Biosciences500 gramB02-1213116-14119.77Cyclohexamide CrystalsAmeresco5 gram94271-15G3118-61283.24Ultra pure media antibiotic for inhibition of brewing yeast.Ameresco1 gram94271-16G3118-61283.24D/E Neutralizing Broth 		Alpha Biosciences	500 gram	B02-125	3116-20	183.51
Brain Heart InfusionBBL500 gram2110593083-50200.56Cultivation of fastidious microorganisms.Difco500 gram2740003095-20243.20Isolation of colliform bacteria.Difco500 gram802-1213116-1333.43Cultivation of non-fastidious microorganisms.Alpha Biosciences2 Kg802-1213116-14119.77Cyclohexamide CrystalsImage: Colliform bacteriaAmeresco5 gram94271-5G3118-61283.24Ultra pure media antibiotic for inhibition of brewing yeast.Ameresco1 gram94271-1G3118-61283.24D/E Neutralizing BrothDifco500 gram2004-1153118-61283.24Determining the bacteriological activity of disinfectants.Alpha Biosciences500 gram204-1153116-2443.66Detrose, Anhydrous, ACSBDH500 gramBDH423.0-3097-0477.34Meets reagent specifications for testing USP/NF monographs.Criterion500 gram205-1003116-2550.88Detection of coliform bacteria.Difco500 gramC56813112-62227.354Detection of Escherichia coli in water and food samples by fluorogenic means.BBL6x100 mL2123573079-04575.00For use in preparation of Baird Parker Agar Base.Difco6x100 mL2123573079-04575.00For use in preparation of Baird Parker Agar Base.Difco500 gram2112213082-001159.21Isolation and differentiation of gram-negative			<u> </u>	B02-125	3116-21	642.11
Cultivation of fastidious microorganisms.Difco500 gram2740003095-20243.20Isolation of collform bacteria.Difco500 gram2740003095-20243.20Buffered Peptone WaterAlpha Biosciences500 gram802-1213116-1333.43Cultivation of non-fastidious microorganisms.Alpha Biosciences2 KgB02-1213116-14119.77Cyclohexamide CrystalsAmeresco5 gram94271-5G3118-61283.24Ultra pure media antibiotic for inhibition of brewing yeast.Ameresco1 gram94271-1G3118-60112.91D/E Neutralizing BrothDifco500 gram2819103097-09173.00Determining the bacteriological activity of disinfectants.Alpha Biosciences500 gram204-1153116-2443.66Dettrose, Anhydrous, ACSBDH500 gramBDH92303097-0477.34Meets reagent specifications for testing USP/NF monographs.Difco500 gram2314303095-25282.55EC BrothAlpha Biosciences500 gram2314303095-25282.55282.55Detection of coliform bacteria.Difco500 gram2112373079-04575.06For use in preparation of Baird Parker Agar Base.Difco6x100 mL2123573079-04575.06For use in preparation of gram-negative bacteria.Difco6x100 mL2123573095-30452.21Isolation and differentiation of gram-negative bacteria.Difco500 gram2112673086			500 gram	211059	3083-50	200.58
Brilliant Green 2% Bile BrothDifco500 gram2740003095-20243.20Isolation of coliform bacteria.Image: Solation coliform bacteria.Image: Solation coliform colif	Cultivation of fastidious microorganisms.		5			
Isolation of coliform bacteria.Alpha Biosciences500 gram802-1213116-1333.43Cultivation of non-fastidious microorganisms.Alpha Biosciences2 Kg802-1213116-14119.77Cyclohexamide CrystalsAmeresco5 gram94271-5G3118-61283.24Ultra pure media antibiotic for inhibition of brewing yeast.Ameresco1 gram94271-1G3118-60112.91D/E Neutralizing BrothDifco500 gram200 gram2819103097-09173.00Determining the bacteriological activity of disinfectants.Alpha Biosciences500 gram201-1153116-2443.66Dextrose, Anhydrous, ACSBDH500 gramBDH9230- 500G3097-0477.34Meets reagent specifications for testing USP/NF monographs.EC BrothAlpha Biosciences500 gram2314303095-25282.53Detection of Coliform bacteria.Difco500 gramCriterion500 gram2112-62273.54Detection of Escherichia coli in water and food samples by fluorogenic means.BBL6x100 mL2123573079-04575.06For use in preparation of Baird Parker Agar Base.Difco6x100 mL2123573095-30452.21Isolation and differentiation of gram-negative bacteria.BBL500 gram2112213082-00159.21Isolation and differentiation of gram-negative bacteria.Fraser Broth BaseDifco500 gram2117673086-08174.02Selective enrichment and detection of Listeria.Use with Fras		Difco	500 gram	274000	3095-20	243.20
Cultivation of non-fastidious microorganisms.Alpha Biosciences2 KgB02-1213116-14119.77Cyclohexamide CrystalsAmeresco5 gram94271-5G3118-61283.24Ultra pure media antibiotic for inhibition of brewing yeast.Ameresco1 gram94271-1G3118-60112.91D/E Neutralizing BrothDifco500 gram2819103097-09173.07Determining the bacteriological activity of disinfectants.Alpha Biosciences500 gramD04-1153116-2443.66Dextrose, Anhydrous, ACSBDH500 gramBDH9230- 500G3097-0477.34Meets reagent specifications for testing USP/NF monographs.Alpha Biosciences500 gramE05-1003116-2550.88Detection of coliform bacteria.Difco500 gram2314303095-25282.53EC Medium with MUG Detection of Escherichia coli in water and food samples by fluorogenic means.Criterion500 gram2123573079-04575.06For use in preparation of Baird Parker Agar Base.Difco6x100 mL217.9103095-30452.21Eosin Methylene Blue Agar (Levine) Isolati an and differentiation of gram-negative bacteria.BBL500 gram211.261308-00Fraser Broth Base Selective enrichment and detection of Listeria. Use with Fraser Broth Supplement.Difco500 gram211.2673086-08174.02View with Fraser Broth Supplement.Use with Fraser Broth Supplement.Difco500 gram211.2673086-08174.02 <td>Isolation of coliform bacteria.</td> <td></td> <td>y</td> <td></td> <td></td> <td></td>	Isolation of coliform bacteria.		y			
Cultivation of non-fastidious microorganisms.Alpha Biosciences2 KgB02-1213116-14119.77Cyclohexamide CrystalsAmeresco5 gram94271-5G3118-61283.24Ultra pure media antibiotic for inhibition of brewing yeast.Ameresco1 gram94271-1G3118-60112.91D/E Neutralizing BrothDifco500 gram2819103097-09173.07Determining the bacteriological activity of disinfectants.Alpha Biosciences500 gramD04-1153116-2443.66Dextrose, Anhydrous, ACSBDH500 gramBDH9230- 500G3097-0477.34Meets reagent specifications for testing USP/NF monographs.Alpha Biosciences500 gramE05-1003116-2550.88Detection of coliform bacteria.Difco500 gram2314303095-25282.53EC Medium with MUG Detection of Escherichia coli in water and food samples by fluorogenic means.Criterion500 gram2123573079-04575.06For use in preparation of Baird Parker Agar Base.Difco6x100 mL217.9103095-30452.21Eosin Methylene Blue Agar (Levine) Isolati an and differentiation of gram-negative bacteria.BBL500 gram211.261308-00Fraser Broth Base Selective enrichment and detection of Listeria. Use with Fraser Broth Supplement.Difco500 gram211.2673086-08174.02View with Fraser Broth Supplement.Use with Fraser Broth Supplement.Difco500 gram211.2673086-08174.02 <td></td> <td>Alpha Biosciences</td> <td>500 gram</td> <td>B02-121</td> <td>3116-13</td> <td>33.43</td>		Alpha Biosciences	500 gram	B02-121	3116-13	33.43
Cyclohexamide CrystalsAmeresco5 gram94271-5G3118-61283.24Ultra pure media antibiotic for inhibition of brewing yeast.Ameresco1 gram94271-1G3118-60112.91D/E Neutralizing BrothDifco500 gram2819103097-09173.07Determining the bacteriological activity of disinfectants.Alpha Biosciences500 gramD04-1153116-2443.66Dextrose, Anhydrous, ACSBDH500 gramBDH9230- 500G3097-0477.34Meets reagent specifications for testing USP/NF monographs.Alpha Biosciences500 gramE05-1003116-2550.85Detection of coliform bacteria.Difco500 gram2314303095-25282.53Detection of coliform bacteria.Difco500 gramC56813112-62273.54Detection of Escherichia coli in water and food samples by fluorogenic means.BBL6x100 mL2123573079-04575.06For use in preparation of Baird Parker Agar Base.Difco6x100 mL2779103095-30452.21Isolation and differentiation of gram-negative bacteria.BBL500 gram2112213086-08174.02Selective enrichment and detection of Listeria.Difco500 gram2117673086-08174.02Use with Fraser Broth Supplement.Difco500 gram2117673086-08174.02		Alpha Biosciences	2 Kg	B02-121		119.77
Ultra pure media antibiotic for inhibition of brewing yeast.Ameresco1 gram94271-1G3118-60112.91D/E Neutralizing BrothDifco500 gram2819103097-09173.07Determining the bacteriological activity of disinfectants.Alpha Biosciences500 gramD04-1153116-2443.66Dextrose, Anhydrous, ACSBDH500 gramBDH9230- 500G3097-0477.34Meets reagent specifications for testing USP/NF monographs.Alpha Biosciences500 gramE05-1003116-2550.85Detection of coliform bacteria.Difco500 gram2314303095-25282.53Detection of coliform bacteria.Difco500 gramC56813112-62273.54Detection of Escherichia coli in water and food samples by fluorogenic means.BBL6x100 mL2123573079-04575.06For use in preparation of Baird Parker Agar Base.Difco6x100 mL2179103095-30452.21Isolation and differentiation of gram-negative bacteria.BBL500 gram2112213082-00159.21Isolation and differentiation of Listeria.Difco500 gram2117673086-08174.02Use with Fraser Broth Supplement.Difco500 gram2117673086-08174.02		Ameresco	-	94271-5G	3118-61	283.24
Determining the bacteriological activity of disinfectants.Alpha Biosciences500 gramD04-1153116-2443.66Dextrose, Anhydrous, ACSBDH500 gramBDH9230- 500G3097-0477.34Meets reagent specifications for testing USP/NF monographs.Alpha Biosciences500 gramE05-1003116-2550.85Detection of coliform bacteria.Difco500 gramC56813112-62273.54Detection of Escherichia coli in water and food samples by fluorogenic means.BBL6x100 mL2123573079-04575.06Egg Yolk Tellurite Solution For use in preparation of Baird Parker Agar Base.BBL500 gram2112213082-00159.21Isolation and differentiation of gram-negative bacteria.Difco500 gram2117673086-08174.02Selective enrichment and detection of Listeria.Difco500 gram2117673086-08174.02Use with Fraser Broth Supplement.Difco500 gram2117673086-08174.02	Ultra pure media antibiotic for inhibition of brewing yeast.	Ameresco		94271-1G	3118-60	112.91
Dextrose, Anhydrous, ACS Meets reagent specifications for testing USP/NF monographs.BDH500 gramBDH9230- 500G3097-0477.34EC Broth Detection of coliform bacteria.Alpha Biosciences500 gramE05-1003116-2550.85Detection of coliform bacteria.Difco500 gram2314303095-25282.53EC Medium with MUG Detection of Escherichia coli in water and food samples by fluorogenic means.Criterion500 gramC56813112-62273.54Egg Yolk Tellurite Solution BBL6x100 mL2123573079-04575.06For use in preparation of Baird Parker Agar Base.Difco6x100 mL2779103095-30452.21Isolation and differentiation of gram-negative bacteria.BBL500 gram2112213082-00159.21Isolation and differentiation of Listeria.Difco500 gram2117673086-08174.02Use with Fraser Broth Supplement.Difco500 gram2117673086-08174.02		Difco		281910	3097-09	173.07
Meets reagent specifications for testing USP/NF monographs.Image: Source of Content o	Determining the bacteriological activity of disinfectants.	Alpha Biosciences	500 gram	D04-115	3116-24	43.66
Meets reagent specifications for testing USP/NF monographs.Image: Source of Content o	Dextrose, Anhydrous, ACS	BDH	500 gram	BDH9230-	3097-04	77.34
Detection of coliform bacteria.Difco500 gram2314303095-25282.53EC Medium with MUG Detection of Escherichia coli in water and food samples by fluorogenic means.Criterion500 gramC56813112-62273.54Egg Yolk Tellurite Solution Image: Selective and food samples by fluorogenic means.BBL6x100 mL2123573079-04575.06For use in preparation of Baird Parker Agar Base.Difco6x100 mL2172173082-00159.21Isolation and differentiation of gram-negative bacteria.BBL500 gram2117673086-08174.02Selective enrichment and detection of Listeria.Difco500 gram2117673086-08174.02Use with Fraser Broth Supplement.Difco500 gram2117673086-08174.02				500G		
EC Medium with MUG Detection of Escherichia coli in water and food samples by fluorogenic means.Criterion500 gramC56813112-62273.54Egg Yolk Tellurite Solution Image: Egg Yolk Tel	EC Broth	Alpha Biosciences	500 gram	E05-100	3116-25	50.85
Detection of Escherichia coli in water and food samples by fluorogenic means. BBL 6x100 mL 212357 3079-04 575.06 Egg Yolk Tellurite Solution ** BBL 6x100 mL 212357 3095-30 452.21 For use in preparation of Baird Parker Agar Base. Difco 6x100 mL 277910 3095-30 452.21 Eosin Methylene Blue Agar (Levine) BBL 500 gram 211221 3082-00 159.21 Isolation and differentiation of gram-negative bacteria. Difco 500 gram 211767 3086-08 174.02 Selective enrichment and detection of Listeria. Difco 500 gram 211767 3086-08 174.02 Use with Fraser Broth Supplement. Use with Fraser Broth Supplement. Difco 500 gram 211767 3086-08 174.02	Detection of coliform bacteria.	Difco	500 gram	231430	3095-25	282.53
Egg Yolk Tellurite SolutionBBL6x100 mL2123573079-04575.06For use in preparation of Baird Parker Agar Base.Difco6x100 mL2779103095-30452.21Eosin Methylene Blue Agar (Levine)BBL500 gram2112213082-00159.21Isolation and differentiation of gram-negative bacteria.Difco500 gram2117673086-08174.02Fraser Broth BaseDifco500 gram2117673086-08174.02Selective enrichment and detection of Listeria.Use with Fraser Broth Supplement.2117673086-08174.02		Criterion	500 gram	C5681	3112-62	273.54
For use in preparation of Baird Parker Agar Base. Difco 6x100 mL 277910 3095-30 452.21 Eosin Methylene Blue Agar (Levine) BBL 500 gram 211221 3082-00 159.21 Isolation and differentiation of gram-negative bacteria. Difco 500 gram 211767 3086-08 174.02 Selective enrichment and detection of Listeria. Use with Fraser Broth Supplement. Difco 500 gram 211767 3086-08 174.02						
Eosim Methylene Blue Agar (Levine) BBL 500 gram 211221 3082-00 159.21 Isolation and differentiation of gram-negative bacteria. Difco 500 gram 211767 3086-08 174.02 Selective enrichment and detection of Listeria. Use with Fraser Broth Supplement. Difco 500 gram 211767 3086-08 174.02	Egg Yolk Tellurite Solution 🏁					575.06
Isolation and differentiation of gram-negative bacteria. Difco 500 gram 211767 3086-08 174.02 Selective enrichment and detection of Listeria. Use with Fraser Broth Supplement. Difco 500 gram 211767 3086-08 174.02			6x100 mL	277910	3095-30	
Fraser Broth Base Selective enrichment and detection of Listeria.Difco500 gram2117673086-08174.02Use with Fraser Broth Supplement.	Eosin Methylene Blue Agar (Levine)	BBL	500 gram	211221	3082-00	159.21
Selective enrichment and detection of Listeria. Use with Fraser Broth Supplement.						
Use with Fraser Broth Supplement.	Fraser Broth Base	Difco	500 gram	211767	3086-08	174.02
	Selective enrichment and detection of Listeria.					
Fraser Broth Supplement Difco 6X 10 ml 211742 3086-03 237 67	Use with Fraser Broth Supplement.					
	Fraser Broth Supplement	Difco	6 X 10 mL	211742	3086-03	237.67
Use with Fraser Broth Base.						
		Ricca	120 mL	3230-4	3118-13	30.75
For use with Lin's Wild Yeast Differential Medium (LWYM)						
	-		<u> </u>			121.97
			<u> </u>	285340		342.15
·····, ·······························	. , ,		<u> </u>			133.94
		Siebel/Döhler	500 gram	9.23556.244	3118-55	297.21
species, while restricting the growth of culture yeast.	species, while restricting the growth of culture yeast.					

Culture Media

Description	Brand	Qty	Mfr Item No.	Weber Item No.	Your Cost
KF Streptococcal Agar	Difco	500 gram	249610	3097-90	241.85
Selective cultivation and enumeration of fecal Streptococci.					
Lactose Broth	Alpha Biosciences	500 gram	L12-105	3116-84	46.35
Detection of bacteria in water.	Alpha Biosciences	2 Kg	L12-105	3116-85	168.36
	Difco	500 gram	211835	3097-30	128.83
Lauryl Tryptose Broth (Sulfate)	BBL	500 gram	211338	3087-00	167.96
Detection of coliform bacteria.	Alpha Biosciences	500 gram	L12-106	3116-38	49.19
	Alpha Biosciences	2 Kg	L12-106	3116-39	179.16
	Difco	500 gram	224150	3097-06	180.06
	Difco	2 Kg	224120	3097-16	610.88
LBS Agar Selective isolation and enumeration of Lactobacilli.	BBL	500 gram	211327	3087-06	230.46
LCSM (Lin's Cupric Sulfate Medium)	Alpha Biosciences	500 gram		3118-08	228.92
For detection and quantification of non-saccharomyces wild yeast	P	Jere Jer			
populations in brewing culture yeast.	Siebel/Döhler	200 gram	9.23552.244	3118-58	282.50
Letheen Broth, AOAC	Difco	500 gram	268110	3094-60	542.41
Subculture medium for the neutralization of OAC in	Alpha Biosciences	500 gram	L12-109	3116-41	62.85
disinfectant testing.	Alpha Biosciences	2 Kg	L12-109	3116-42	187.98
Listeria Enrichment Broth (LEB)	Alpha Biosciences	500 gram	L12-110	3116-44	67.25
Selective enrichment for the isolation and	Alpha Biosciences	2 Kg	L12-110	3116-45	242.58
cultivation of Listeria monocytogenes.	Difco	500 gram	222220	3095-40	133.06
LMDA (Lee's Multi-Differential Agar)	Alpha Biosciences	500 gram		3118-17	112.04
Used for the detection and enumeration of yeast and bacteria in the beer.		5			
LWYM (Lin's Wild Yeast Medium)	Alpha Biosciences	500 gram		3118-11	228.89
For detection and quantification of saccharomyces wild		5			
yeast populations in brewing culture yeast. Gentian Violet Stock Solution					
(3118-13) available separately.					
M17 Agar	Difco	500 gram	218571	3097-15	526.51
Isolation of mesophilic lactic streptococci.		5			
MacConkey Agar	BBL	500 gram	211387	3087-23	189.09
	Alpha Biosciences	500 gram	M13-106	3116-47	62.61
MacConkey Sorbital Agar	Difco	500 gram	279100	3087-24	209.01
Isolation and differentiation of enteropathogenic E. coli serotypes.	Alpha Biosciences	500 gram	M13-110	3116-49	66.71
Malt Extract Agar	Difco	500 gram	211220	3087-26	208.27
Isolating, cultivating and enumerating yeasts and molds.	Alpha Biosciences	500 gram	M13-113	3116-51	91.29
M-Endo Agar LES	Difco	500 gram	273620	3095-43	345.13
Enumeration of coliforms by membrane filtration.		5			
M-Endo Broth	Difco	500 gram	274930	3095-42	255.57
Enumeration of coliforms by membrane filtration. MRS Agar	Difco	500 gram	288210	3097-43	194.78
Isolation and cultivation of Lactobacilli.	Alpha Biosciences	500 gram	L12-103	3116-36	57.36
MRS Broth	Alpha Biosciences	500 gram	L12-103	3116-33	51.51
Broth formulation of MRS Agar for cultivation of Lactobacilli.	Difco	500 gram	288130	3095-45	169.30
Mycological Agar w/Low pH	BBL	500 gram	211450	3087-45	265.72
Cultivation, isolation and identification of fungi.	DDL	500 grann	211450	5007-45	205.72
Neutralizing Buffer	Difco	100 gram	236210	3097-08	75.12
A modification of the Standard Methods buffered	Direo	i oo giani	230210		/ 5.12
distilled water. Designed for use in the sterility tests for					
dairy equipment as specified in Standard Methods for the					
Examination of Dairy Products by the swab contact method.					
Nutrient Agar	Difco	500 gram	213000	3095-48	222.29
-	Alpha Biosciences	500 gram	N14-100	3095-48	69.76
Cultivation of microorganisms.		500 grann	1114-100	5110-55	09.70

ACCESSORIES: CULTURE MEDIA



Additional Prepared Media see page 216. Rapid Water Tests see pages 210 - 215. Membrane Filtration Supplies see pages 216 - 219.

BACTERIOLOGICAL TESTING



DEHYDRATED CULTURE MEDIA

Bacteriological Testing

Description	Brand	Qty	Mfr Item No.	Weber Item No.	Your Cost
Nutrient Broth	Difco	500 gram	234000	3097-77	244.64
Cultivation of microorganisms.	Alpha Biosciences	500 gram	N14-103	3116-56	60.05
,	Alpha Biosciences	2 Kg	N14-103	3116-57	229.73
Nystatin Fine powder. Antibiotic for brewing media.		5 gram	AAJ62486- 06	3118-70	145.80
Orange Serum Agar	BBL	500 gram	211486	3088-00	265.72
Cultivation and enumeration of microorganisms	Alpha Biosciences	500 gram	O15-101	3116-59	61.08
associated with the spoilage of citrus products.	Alpha Biosciences	2 Kg	O15-101	3116-60	220.59
Oxford Antimicrobic Supplement, Modified	Difco	100 gram	211763	3086-11	479.79
Colistin Sulfate, Moxalactam.		5	(6x10ML)		
Oxford Medium Base	Alpha Biosciences	500 gram	O15-102	3116-62	121.70
For the isolation of L. monocytogenes. Use with	Difco	500 gram	222530	3086-15	289.47
Oxford Antimicrobial Supplement.		5			
Peptone, Powder	Weber Scientific	500 gram		RPIP20240-	240.09
Organic nitrogen source in microbiological culture				5000	
media for cultivation of a variety of bacteria and fungi					
Phosphate Buffer, pH 7.2	BBL	500 gram	211544	3087-30	170.11
Preparation of dilution blanks.	Alpha Biosciences	500 gram	P16-108	3116-63	25.46
Phytone Yeast Extract Agar	BBL	500 gram	211546	3087-36	210.78
Selective isolation of dermatophytes, particularly Trichophyton verrucosum,					
and other pathogenic fungi from routine clinical specimens.					
Potato Dextrose Agar	Alpha Biosciences	500 gram	P16-109	3116-65	40.97
For identification, cultivation and enumeration	Alpha Biosciences	2 Kg	P16-109	3116-66	151.38
of yeasts and molds.	Difco	500 gram	213400	3097-21	189.51
·	Difco	2 Kg	213200	3097-24	758.46
Presence-Absence Broth	Alpha Biosciences	500 gram	P16-110	3116-68	57.34
For the presence-absence coliform test for the	Alpha Biosciences	2 Kg	P16-110	3116-69	208.59
detection of pollution in treated water.	Difco	500 gram	219200	3095-50	181.71
	Difco	2 Kg	219100	3095-55	650.56
R2A Agar	Difco	500 gram	218263	3097-50	224.05
Low nutrient medium for enumeration and cultivation of bacteria	Alpha Biosciences	500 gram	R18-100	3116-22	89.61
from potable water. Selective enrichment of Salmonella from food,	Alpha Biosciences	2 Kg	R18-100	3116-23	324.19
polluted water and other materials.					
Reinforced Clostridial Medium	Difco	500 gram	218081	3095-57	188.56
Nonselective cultivation and enumeration of Clostridia.					
Rose Bengal Agar Base	Difco	500 gram	218312	3097-61	273.77
Use with Rose Bengal Antimicrobic Supplement C					
for selective isolation of yeasts and molds.					
Sabouraud Dextrose Agar	Difco	500 gram	210950	3095-60	126.23
Cultivation of pathogenic and nonpathogenic fungi,	Alpha Biosciences	500 gram	S19-100	3116-82	34.16
particularly dermatophytes.	Alpha Biosciences	2 Kg	S19-100	3116-83	124.00
Sabouraud Dextrose Agar with Chloramphenicol	Alpha Biosciences	500 gram	S19-100C	3116-79	35.85
Cultivation of pathogenic and nonpathogenic fungi. The antibiotic					
inhibits bacteria growth.					
Selenite Cystine Broth	Difco	500 gram	268740	3095-63	415.70
Selective enrichment broth for detecting and					
identifying Salmonella in foods and dairy products.					
Standard Methods Agar (Plate Count Agar)	Criterion	500 gram	C6981	3114-80	76.10
For Standard Plate Count Method.	Criterion	2 Kg	C6982	3114-90	273.41
ror standard ridte count method.	Alpha Biosciences	500 gram	S19-113	3116-31	62.27
	Alpha Biosciences	2 Kg	S19-113	3116-32	223.87
	Difco	500 gram	247940	3097-11	154.18
	Difco	2 Kg	247910	3097-14	746.18
	51100	2.1.9	211910	5077 14	, 10.10

📉 WEBER EXCLUSIVE 🕎 FIRST CASE UPGRADE 🔶 HAZARDOUS MATERIALS 🎄 SHIPS ON ICE

Culture Media

Description	Durand	01	Mfr	Weber	Your
Description	Brand	Qty	Item No.	Item No.	Cost
Tartaric Acid Grade: NF (National Formulary). Granular. To adjust pH of Potato Dextrose Agar.	Alpha Aesar	500 gram	3081-07	3081-07	59.60
Tartaric Acid,10% (W/V) Aqueous Solution	Ricca	500 mL		3081-13	52.96
Use as acidifying agent with Potato Dextrose (glucose) Agar.		liter		3081-15	86.44
Technical Agar	Difco	500 gram	281230	3097-95	201.38
Cultivation of microorganisms.		J			
Tetrathionate Broth Base	Difco	500 gram	210430	3095-70	98.56
Selective liquid enrichment medium for use in		J			
the isolation of Salmonella.					
Trypticase [™] Peptone (Pancreatic Digest of Peptone)	BBL	500 gram	211921	3092-60	266.77
General use in the cultivation of fungi and bacteria.		J			
Tryptic Soy Agar	BBL	500 gram	211043	3089-07	125.60
Cultivation of microorganisms.	Alpha Biosciences	500 gram	T20-108	3116-71	57.21
	Alpha Biosciences	2 Kg	T20-108	3116-72	219.85
	Difco	500 gram	236950	3095-75	117.33
	Difco	2 Kg	236920	3095-80	467.68
	Difco	5 Lb	211046	3089-10	694.80
Tryptic Soy Agar with Lecithin and Tween 80	Alpha Biosciences	500 gram	T20-109	3116-73	83.14
Recommended for cultivation of microorganisms on surfaces of sanitary importance.	Alpha biosciences	Joogram	120 105	5110-75	05.14
Tryptic Soy Broth	BBL	500 gram	211768	3089-00	81.25
Cultivation of microorganisms.	Alpha Biosciences	500 gram	T20-110	3116-74	46.36
	Alpha Biosciences	2 Kg	T20-110	3116-75	178.80
	Difco	500 gram	211825	3095-85	102.94
	Difco	2 Kg	211822	3095-90	370.05
	Difco	5 Lb	211022	3089-04	444.16
Universal Beer Agar	Difco	500 gram	285610	3097-60	300.56
Cultivation of microorganisms significant	Alpha Biosciences	500 gram	U21-100	3116-26	90.02
in the brewing industry	Alpha Biosciences	2 Kg	U21-100	3116-27	343.47
Universal Pre-Enrichment Broth	Difco	500 gram	223510	3097-75	129.11
Recover sub-lethally injured Salmonella and Listeria from foods.	DIICO	500 grann	223310	3097-75	129.11
UVM Modified Listeria Enrichment Broth	Alpha Biosciences	500 gram	U21-103-500G	2116 76	72.69
	Alpha Biosciences	2 Kg	U21-103-300G		264.32
Selective enrichment for culturing L. monocytogenes.	Difco	500 gram	222330	3097-70	177.64
Violet Red Bile Agar	Alpha Biosciences	500 gram	V22-100	3116-34	62.10
-	·				
Detection and enumeration of coliforms.	Alpha Biosciences Difco	2 Kg	V22-100	3116-35	228.82
		500 gram	211695	3097-81	157.87
WL Differential Agar For use in the selective isolation of bacteria	Difco	2 Kg	211687 C7291	3097-84 3115-81	702.28
encountered in brewing and industrial fermentations.	Criterion	500 gram	C7291		89.62
WLD Medium	Alpha Biosciences	500 gram		3118-20	47.14
(Wallerstein Laboratories Differential Medium)					
For selective isolation and enumeration of bacteria					
encountered in breweries and industrial fermentations.					
WL Nutrient Agar (WLN Medium)	Alpha Biosciences	500 gram	W23-102	3116-28	32.81
For the cultivation of yeasts, molds and bacteria encountered in brewing and ermentation processes	Alpha Biosciences	2 Kg	W23-102	3116-29	119.29
Nort Agar	Difco	500 gram	211671	3097-85	310.15
Cultivation and enumeration of yeasts		500	256226	2070 55	
Vogel & Johnson Agar	Difco	500 gram	256220	3078-55	283.26
Detection of coagulase-positive and mannitol-positive					
Staphylococcus aureus.					
XLD Agar	Alpha Biosciences	500 gram	X24-101	3116-80	96.41
Xylose Lysine Desoxycholate Agar	Difco	500 gram	278850	3095-95	240.56
For isolation and differentiation of Shigella.					
Yeast Extract	Alpha Biosciences	500 gram	Y25-101	3116-81	40.43

FIND IT AT WEBERSCIENTIFIC.COM

...........

DEHYDRATED CULTURE MEDIA

Bacteriological Testing



NBB® Prepared Culture Media for Beer (Döhler)

Ready-to-use agar or broth

BER SCIENTIFIC

- Excellent identification of beer spoilage organisms
- Use with filtered or unfiltered beer and yeast culture
- Fast results optimized nutrient combinations for fast growth of spoiling micro-organisms
- Simple screening Simple and reliable visual control through a clear change in the indicator color from red to yellow, for easy quantitative and qualitative analysis in almost any NBB[®] culture media
- Increased selectivity Inhibition of the harmless accompanying flora and culture yeast necessary for the brewing process for optimized detection of beverage-spoiling micro-organisms

Suitable for detection in:

unfiltered beers containing yeast

- filtered beers
- yeast samples
- water and rinsing water
- airborne bacteria collection samples
- swab samples for hygiene monitoring

Detection of spoiling micro-organisms in all types of beer samples, such as Lactobacilli, Pectinatus and Megasphaera. Get clear, fast and reliable detection, even for a very low level of contamination in a large sample volume.

Specifications

pH:	5.8 ± 0.2 (6.4 \pm 0.2 for NBB-C)
Incubation temperature:	25-28°C (77-83°F)
Incubation time:	5 days
Storage temperature:	4-8°C (39-46°F)
Shelf life from date of manufacture:	1 year

NBB uses special growth promotion components and nutrients optimally tailored to beer spoiling micro-organisms. Döhler exclusively uses raw materials of non-animal origin, thus eliminating the risk of animal materials entering the beer quality control process. A series of comprehensive functional tests examine the quality of the NBB culture media with a special panel of test strains, which were all isolated in breweries.

NBB-A, Agar

Solid agar medium for pouring agar plate after simple liquefaction.

- Can be used for membrane filtration, swab and pour plate method as well as for airborne micro-organism collection
- Simple, visual screening by means of an indicator change from red to yellow

NBB-B, Broth

Liquid culture media with indicator dye for detection of beer spoiling micro-organisms in yeast samples or as an enrichment medium.

- Direct use of liquid medium
- Simple, visual screening by an indicator change from red to yellow

NBB-C, Concentrated Broth

Liquid culture medium with

enhanced selectivity through the addition of yeast-cloudy beer samples.

- Simply added to the beer sample for analysis
- Final microscopic inspection, no indicator verification

NBB-B-AM, Broth

Liquid culture medium for detection of indicator bacteria from biofilms.

- Simple hygiene monitoring for weak point analyses and trending
- Sampling by means of smear swabs at critical points throughout the production process
- Direct use of liquid medium ready-to-use in sterile tubes or sterile bottle for individual portioning
- Simple, visual screening by means of an indicator change from red to yellow

Item No.	Mfr Item No.	Description	Qty.	Your Cost
3118-75	2.04709.782	NBB-A Glass Bottles	9 x 250 mL	165.14
3118-76	2.04710.782	NBB-B Glass Bottles	9 x 250 mL	163.45
3118-77	2.04723.646	NBB-B Glass Tubes	20 x 10 mL	70.68
3118-78	2.04711.782	NBB-C Glass Bottles	9 x 250 mL	175.61
3118-79	2.04716.462	NBB-P Powder, Bagged	300 gram	224.89
3118-80	7.85420.782	NBB-PCR Glass Bottles	9 x 250 mL	188.04
3118-81	2.11753.244	Brewers QCheck [®] Kit		214.74
		LMC (Lactose Peptone Concentrate) Glass Bottles	2 x 50 mL	
		NBB-B Glass Tubes	20 x 10 mL	
		NBB-B-Am Glass Tubes	20 x 10 mL	
		Swabs, Individually Wrapped	30	
3118-82	2.04706.782	NBB-B-Am Glass Bottles	9 x 250 mL	175.50
3118-83	2.04706.646	NBB-B-Am Glass Tubes	20 x 10 mL	70.67

BBL[®] Prepared Media (BD Diagnostics)

ltem					Your
No.		Description	Volume	Qty	Cost
3096-09		Potato Dextrose Agar	500 ml bottle	pack/10	380.68
3096-16		Standard Methods Agar	200 ml bottle	pack/10	292.96
3096-20		Standard Methods Agar	500 ml bottle	pack/10	566.64
3096-30		Nutrient Broth in Prepared Tube (Drop-ship only)	5 mL tube	pack/10	31.87
3096-52		Standard Methods Agar	20 ml pour tube	pack/10	54.44
3096-61	灕	BBL™ Coagulase Plasma, Rabbit, with EDTA	3 mL	pack/10	175.08
3096-62	纖	BBL™ Coagulase Plasma, Rabbit, with EDTA	15 mL	pack/10	747.16

📉 WEBER EXCLUSIVE 🛛 🕅 FIRST CASE UPGRADE 🔶 HAZARDOUS MATERIALS 🎄 SHIPS ON ICE

Culture Media

GasPak[™] EZ Gas Generating Container System (BD Diagnostics)

Cultivation of Anaerobic Bacteria

The GasPak[™] EZ Gas Generating Container Systems are multi-use systems that produce atmospheres suitable to support the primary isolation and cultivation of anaerobic, microaerophilic, or capnophilic bacteria by use of gas generating sachets inside multi-use incubation containers. The system offers bio-performance and reliability without the need for a catalyst or activation procedure. The GasPak EZ Gas Generating Sachet contains all the ingredients needed to create a specific atmosphere for specimen incubation. The sachet and specimens are placed in the clear, stackable, plastic GasPak EZ Incubation Container. The container is sealed and the sample is incubated.



(Drop-ship from mfr. only)

Item No.	Mfr. Item No.	Description	Qty	Your Cost
3098-50	260678	GasPak EZ Anaerobe Container System Sachets	pack/20	104.13
3098-51	260001	GasPak EZ Anaerobe Container System Sachets w/Indicator	pack/20	139.45
3098-52	260683	GasPak EZ Anaerobe Pouch System	pack/20	138.75
3098-53	260680	GasPak EZ Campy Container System Sachets	pack/20	103.96
3098-54	260685	GasPak EZ CampyPouch™ System	pack/20	133.23
3098-55	260679	GasPak EZ CO ₂ Container System Sachets	pack/20	97.19
3098-56	260684	GasPak EZ CO ₂ Pouch System	pack/20	125.61
3098-59	271051	GasPak Dry Anaerobe Indicator Strips	pack/100	151.01
3098-57	260672	GasPak EZ Large Incubation Container	each	199.45
3098-63	260674	GasPak EZ Large Incubation Rack	each	171.29
3098-58	260671	GasPak EZ Standard Incubation Container	each	216.67
3098-62	260673	GasPak EZ Standard Incubation Rack	each	149.39
3098-60	260002	GasPak EZ Small Incubation Container	each	147.39
3098-61	260003	GasPak EZ Small Incubation Rack	each	131.88

CAMTU Compressed Air Microbial Test Unit (Parker Balston)

Identify sources of contamination in compressed air and improve food safety

The CAMTU compressed air microbial test unit identifies sources of contamination in compressed air. Compressed air is used in a broad range of applications in the food processing industry, such as mixing of ingredients, cutting, sparging, drying of product, transporting/

propelling product through processing systems and packaging of final product. In many of these applications, compressed air is in direct contact or indirect contact with food product. The impurities in the compressed air may contaminate the food product which can result in change of color and taste. reduced shelf life, in addition to exposure to bacteria and other micro-organisms, can result in product recalls.

How to use the CAMTU microbial test unit:

To obtain a sample, simply plug the connection tubing into the sample point on the compressed air system, insert a specially designed petri dish into the CAMTU, close the CAMTU, open the shutoff valve and expose the agar for 20 seconds. After exposure simply place the petri dish in an incubator for 48-hours or in a controlled environment of at least 68°F and observe for colony forming units (CFUs). Handles up to 40 PSI.

Features & Benefits:

- Specially designed 4-section petri dish
- Lightweight and ergonomically designed for ease of use
- Constructed of durable polypropylene easily sanitized
- Pre-filled petri dishes are designed to hold up to compressed air flow/ pressure
- No electrical supply required
- Quick sampling time 20 seconds

A complete kit which includes: CAMTU Sampling Device, DFU (Drainage fixture unit) Assembly, Timer device, Tubing ¼" OD, Regulator/Metering Assembly, Sanitizing spray bottle, and Shut off valve. Purchase petri dishes separately.

Item No.	Mfr Item No.	Description	Qty	Your Cost
4140-50	C01-0136	Compressed Air Microbial Test Kit	Each	1,425.63
4140-58	C01-0143	Tryptic-soy agar (TSA) Pre-filled Plates	Pk/5	70.53
4140-59	C01-0134	Potato Dextrose Agar (PDA) Pre-filled Plates	Pk/5	66.60
4140-60	C01-0133	Unfilled petri dishes for CAMTU	Pk/5	29.33
4140-52	C01-0142	CAMTU Replacement Assembly	Each	1,069.27
4140-53	C01-0139	CAMTU Replacement Integral Timer	Each	117.17
4140-54	C01-0124	CAMTU Replacement Spray Bottle	Each	55.70
4140-55	C01-0125	CAMTU Replacement Regulator Assembly	Each	578.60
4140-57	C01-0126	CAMTU Replacement Shut-off Valve	Each	60.00
4140-62	C02-2418	CAMTU Replacement DFU	Each	127.10

800-328-8378



NAEROBIC SYSTEMS

BACTERIOLOGICAL TESTING

Water Baths see pages 20 - 21.



Air Sampler (Microbiologique)

The Air Sampler draws a measured volume of air through the device which contains culture media in petri dishes. Any microorganisms in the air embed themselves in the media. The petri dishes are incubated and any organisms impacted on the plate form colonies. The bacteria or fungi are enumerated based on how many colonies form, combined with the volume of air sampled, and identified by appropriate methods such as colony morphology, PCR or polyphasic Microbial ID.

- Standard size petri dish (available separately)
- Your choice of culture media (available separately)
- Rechargeable battery
- Adjustable sampling time
- Calibrated dial
- Flow rate 100 L/min
- Compressed air sampling attachment and calibration services available

Item No.	Mfr. Item No.	Description	Your Cost
4140-90	DCW0110	Air Sampler	856.33
4140-91	DCW0111	Compressed Air Attachment	114.17
4140-93		Calibration Services	93.75

HYCON Agar Strips

Use standardized media for complete validation of the system according to ISO 14698



(Drop-ship from mfr. only)

Item No.	EMD-Millipore (Biotest) Mfr Item No.	Description	Storage °C	Qty	Your Cost
4140-40	1.44253.0050 (941105)	TC - Tryptic Soy Agar for total count	2-25	50 strips	232.62
4140-41	1.44240.0050 (941135)	TSM – Modified Tryptic Soy Agar –with neutralizers against disinfectants and growth supplements; for identification of the total count of fastidious and sub lethally damaged microorganisms	2-25	50 strips	194.57
4140-42	1.44242.0050 (941196)	YM – Rose Bengal Agar with streptomycin; for determination of yeasts and molds	2-25	50 strips	206.96
4140-43	1.44243.0050 (941205)	SDX – Sabouraud Dextrose Agar – with modified Pharmacopoeia formulation; for determination of yeasts and molds	2-25	50 strips	280.28
4140-44	1.44245.0025 (941225)	Dichloran Glycerine Agar – for determination of yeasts and molds	2-25	25 strips	149.70
4140-47	1.44107.0050 (941605)	HYCON Blank Strip Kit – empty strips for manual production of culture media		50 strips	139.61
4140-70	1.44111.0100 (941900)	HYCON Cover Slides – to prevent desiccation during incubation		100 slides	43.66

RCS High Flow Touch Microbial Air Sampler (EMD Millipore)

The RCS High Flow Touch delivers reliable reproducible results for applications assessing the quality of ambient air. Sampler operates on impaction principle, drawing airborne micro-organisms onto an agar media strip for later incubation and analysis. Together with standardized, ready-to-use and certified HYCON Agar Strips the RCS High Flow Touch air samplers provide a complete system that is fully validated according to ISO 14698-1.



- · Factory calibrated for use with the HYCON media strips
- High-resolution color touch single screen and user interface - Self-explaining icons guide through the menus
 - Commonly used symbols and functions
 - Standardized or flexible sampling options
 - Acoustic signaling
 - Manage up to 10 rotors
- Intuitive RCS Management Software is included
 - Date/time
 - Language
 - Time delay
 - Interval sampling
 - QA management
- Lightweight, compact design for portability and ease of use
- Horizontal or vertical installation, measurement at heights of up to 3 meters
- Centrifugal motion draws sample at 100 L/min at a particle size of 4 µm diameter; 8200 rpm rotor speed
- Seven preset, 3 user-defined sampling volumes
- Compatible with common sterilization and disinfection methods

 Lexan® polycarbonate housing; aluminum/stainless steel autoclavable head

- Used with standardized and ready-to-use media or pour your own
 - Order agar strips separately

Includes power supply, cable, USB adapter, RCS Software, rotor, cap, case, quick guide, manual and calibration certificate

ltem No.	Description	Mfr. Item No.	Qty Break	Your Cost
4140-80	RCS High Flow	1441940001	1	8,870.00
	Air Sampler		2+	8,426.50
4140-81	Tripod	1093260001		789.68
4140-83	Recharging Station	1442560001		1,058.91
4140-88	carrying case	1441500001		706.70

Sec.

Hemocytometer for Cell Counting

ASBC Method for microscopic yeast cell counting

An H-shaped moat form two counting areas, or plateaus. A "V" slash reduces the possibility of overflow.

Cell Depth: 0.100mm +/- 2% (1/10mm)

0.100mm +/- 2%

Volume: 0.1 Microliter

Ruling Pattern: Improved Neubauer, 1/400 Square mm

Rulings cover 9 square millimeters. Boundary lines of the Neubauer ruling are the center lines of the groups of three. The central square millimeter is ruled into 25 groups of 16 small squares, each group separated by triple lines, the middle one of which is the boundary. The ruled surface is 0.10mm below the cover glass, so that the volume over each of the 16 small squares is .00025 cubic mm.

ltem No.	Description	Qty	Your Cost
3048-12	Hemocytometer with standard lines	each	205.00
3048-11	Hemocytometer with bright lines	each	168.39

Hemocytometer Glass Cover Slips

Hemocytometer cover glasses are used to cover specimens in counting chambers. The cover glass is placed on the outer supports and, due to their flatness, adheres very well. Thus, it forms an exact capillary gap defining the volume of the cell suspension over the counting grid.

- Made of special optical glass
- Ground and polished edges

Item No.	Size, mm	Thickness	Qty	Your Cost
3048-13	20 x 26	0.4 mm	pack/10	43.92

Isooctane ACS Grade 🕀

For use with the spectrophotometric method for measuring bitterness in beer.

Item No.	Size	Your Cost
3047-01	19 L Steel Can	454.34



Widely used for many general staining procedures.						
Item No.	Size	Your Cost				
3047-03	500 mL	41.71				



ALCOHOL - Hydrometer

Dual Scale - Proof and Tralle

- Proof Scale measures the Percent Alcohol by Volume Multiplied by 2
- Tralle Scale measures the Percent of Alcohol by Weight in Water
- Internal Revenue Specification Proof Scales
- Suitable for Certification available on request (additional charge)

Item No.	Description	Tralle Scale	Div.	Proof Range	Div.	Thermometer
3048-05	Combined Form 330mm	0 to 100%	1%	0 - 200%	2%	- 10 / 100°F- Spirit Filled
3048-06	Plain Form 300mm	0 to 100%	1%	0 - 200%	2%	

Item No.	Description	Your Cost
3048-05	Alcohol Thermo-Hydrometer	24.62
3048-06	Alcohol Hydrometer	13.09

Brix Hydrometer

Standardized at 17.5°C (63.5°F)

- Brix Hydrometers Measure Sugar Content of Beer and Wort
- Combined Form with Thermometers and Temperature Correction Scales in the Body
- To 50°C, spirit fill
- Tolerance is 0.1%
- Standard Temperature 17.5°C (63.5°F)
- Suitable for Certification Available upon request (additional charge)

Item No.	Range	Div.	Length	Your Cost
3048-07	0 to 8.0°	0.1°	12″	23.82
3048-08	8.0 to 16.0°	0.1°	11″	23.82
3048-09	16.0 to 24.0°	0.1°	18″	23.82

Discover why Weber Scientific is a favorite supplier to the brewing industry.

Weber Scientific offers a full line of supplies and equipment for the brewing industry, including hydrometers, densitometers, spoilage test kits, culture media, beer flavor standards and more.

Find many more specialized products by browsing our extensive online buyer's guide.

See more at weberscientific.com/beer

55

BEER TESTING



Chemicals



Products so identified must ship as hazardous materials (HAZMAT).

We welcome you to contact our Customer Service department for additional details about HAZMAT shipping requirements and surcharge fees. In general, HAZMAT fees apply whenever shipped by either UPS or FedEx. To avoid most HAZMAT fees, if vour order contains hazardous materials that require four or more shipping cartons, we will route via common carrier, which may not have any, or have greatly reduced, HAZMAT fees. HAZMAT orders are exempted from our 1-2-3 Day Delivery Program.

Alcohol, Butanol, Neutralized (Butyl Alcohol) 🕂 📉 ACS GRADE

pH range of 6.8 to 7.2. Reagent for dairy testing and for numerous laboratory procedures.

Item No.	Qty	Your Cost
4060-00	quart	23.41
4060-01	gallon	59.92

Alcohol, Denatured (Ethyl Alcohol, Ethanol) ACS GRADE

Specially denatured formula #3-A. Contains 5% methanol for denaturing. Reagent for numerous laboratory procedures. Conforms to APHA *Standard Methods for the Examination of Dairy Products*, current edition.

ltem No.	Qty	Qty Break	Your Cost
4109-00	4 liter	1-3	55.21
		Multi. of 4	49.43

Alcohol, Iso Amyl, For Gerber Test 🕀 🦋

Conforms to APHA Standard Methods for the Examination of Dairy Products.

ltem No.	Qty	Your Cost
1086-00	gallon	150.72
1087-00	quart	58.58

Alcohol, Isopropyl (2 Propanol)

Reagent for numerous laboratory procedures.

ltem		Qty	Your
No.	Qty	Break	Cost
4113-00	4 liter	1-3	72.60
ACS Grade		Multi. of 4	66.00
4113-06	55 gal.		808.21

Alcohol, Isopropyl, 70% v/v (2 Propanol) 🔶 📉

Reagent for numerous laboratory procedures. Widely used for effective disinfection.

Item		Qty	Your
No.	Qty	Break	Cost
4113-20	4 liter	1-3	84.25
ACS Grade		4+	73.86
4113-25	20 liter		206.91
4113-26	55 gal.		836.00

Alcohol, Methanol

ACS GRADE

Item

No.

4061-00

4061-01

rent edition.

No.

laboratory procedures.

(Methyl Alcohol) 🕀

≥99.8%. Reagent for numerous

Qty

1 liter

4 liter

Ammonium Hydroxide

ACS GRADE 🕀 🐋

Qty

4105-00 gallon 1-3

28-30%. Reagent for numerous

laboratory procedures. Conforms

to APHA Standard Methods for the

Examination of Dairy Products, cur-

Benzalkonium Chloride

Qty

500 ml.

Solution, 50%

NF – NATIONAL FORMULARLY GRADE

Same as Roccal[®] II.

Item No.

3003-42

Qty Break

Multi. of 4

Your

Cost

12.96

28.01

Your

Cost

55.40

41.51

Your Cost

338.79

Dextrose, Anhydrous ACS GRADE

Meets reagent specifications for testing USP/NF monographs.

Item No.	Qty	Your Cost
3097-04	500 gram	77.34

Ether, Ethyl 🕀 🥆 ACS GRADE

Anhydrous, absolute. Peroxide free. Reagent for numerous laboratory procedures. Conforms to APHA *Standard Methods for the Examination of Dairy Products*, current edition.

Item				Your
	No.	Qty	Qty Break	Cost
	4101-00	quart	1-5	39.39
			Multi. of 6	29.49

Ether, Petroleum 🔶 📉 ACS GRADE, 35-60° C

Boiling range of 35 to 60° C. Reagent for numerous laboratory procedures. Conforms to APHA Standard Methods for the Examination of Dairy Products, current edition.

ltem	.	.	Your
No.	Qty	Qty Break	Cost
4103-00	quart	1-5	55.47
		Multi. of 6	50.43

Glymol or Red Reader 🔊

For use in reading Babcock cream test. Bright red color, specific gravity less than 0.85 at 20° C.

Item		Your
No.	Qty	Cost
3003-00	quart	44.80

Isooctane ACS Grade

Hydrochloric Acid,

Qty

500 mL

1 Liter

Your

Cost

28.81

41.91

3.0N (3.0M) 🕀

ltem

No.

4118-50

4118-52

For use with the spectrophotometric method for measuring bitterness in beer.

ltem No.	Size	Your Cost
3047-01	19 Liter Steel Can	454.34

Magnesium Chloride ACS GRADE

VC= crystals. 500 gram

ltem	Your
No.	Cost
4129-00	120.76

Methylene Blue 1% Stain

Widely used for many general staining procedures.

Item No.	Size	Your Cost
3047-03	500 mL	41.71

Phenolphthalein,

1% Ind	icator 🕂	
Item No.	Qty	Your Cost
3008-00	500 mL	15.31
3008-02	2 oz. dropper bottle	10.33

L-W Stain. Levowitz-Weber Modification of Newman-Lambert Stain #2 📉 🕀

Item No.	Qty	Formulation	Your Cost
2001-00	quart	L-W xylene	75.13
2001-05	quart	L-W tetrachloroethane	134.96
2001-20	quart	Canadian/xylene	85.50
2001-25	quart	Canadian/tetrachloroethane	148.12
2002-00	pint	L-W xylene	49.92
2002-05	pint	L-W tetrachloroethane	72.87
2002-20	pint	Canadian/xylene	51.92
2002-25	pint	Canadian/tetrachloroethane	85.84

📉 WEBER EXCLUSIVE 🛛 💮 FIRST CASE UPGRADE 🛛 🕀 HAZARDOUS MATERIALS 🛛 🕸 SHIPS ON ICE

CHEM	IC

Potassium Hydroxide (H) Solution, 0.02N in Methanol

Certified against NIST traceable standards. For Acid Degree Value.

Item No.	Size	Your Cost
4129-60	liter	84.01

Propylene Glycol

Laboratory grade.

ltem No.	Qty	Qty Break	Your Cost
1090-00	gallon	1-3	68.18
		4+	51.14

Silver Nitrate 0.1N

Certified against NIST traceable standards.

	Item No.	Qty	Your Cost
Ø	4129-10	20L cube	612.21

Red Scarlet Moo Dye

Applicable on Polyamides and other coloration. Acid Red 73

Item No.	Size	Your Cost
2004-40	1 gallon	57.63

Sodium Bicarbonate ACS GRADE

500 grams / 1.1 lbs. Powder.

3006-80

ltem No.	Your Cost

31.74

Sodium Chloride Crystals ACS GRADE

Item No.	Qty	Your Cost
4129-15	500 gram	25.20
4129-16	2.5 kg	76.21

Sodium Citrate ACS GRADE

Item No.	Qty	Your Cost
4130-15	3 kg	248.46

Sodium Hydroxide, 0.3125N

Certified against NIST traceable standards. 0.3125 Normal NaOH solution.

Item No.	Qty	Your Cost
3006-50	4 liter	93.89

Sodium Hydroxide, 1N (+) Certified against NIST traceable

standards. 1.0 Normal NaOH solution.

ost
08
35
43
55
92

Your

Sodium Hydroxide, 0.100N

Certified against NIST traceable standards. 0.100 Normal NaOH. Mol. Wt. 40.01. For acidity titratable.

	ltem No.	Qty	Qty Break	Your Cost
	3006-00	4 liter	1-3	40.27
			4+	36.67
	3006-02	4 liter c	ubepack	82.71
Ø	3006-04	20L Cul	betainer	168.40

Sodium Hypochlorite, 2.5% w/w

Compendial reagent meets APHA Standards. Item No. Qty Your Cost 3006-40 4 liter 105.98

Sodium Thiosulfate, 0.100N

Certified against NIST traceable standards.

For water t	esting.	
ltem		Your
No.	Size	Cost
4129-20	10 liter	106.48

Sulfuric Acid, Babcock Test, Milk 🕀 🔊

Conforms to APHA, Standard Methods for the Examination of Dairy Products.

ltem No.	Qty	Qty Break	Your Cost
3004-00	gallon	1-3	60.02
		4+	51.03

Sulfuric Acid, 0.1N ASTM 200-91.

AOAC 890-01. Volumetric solution.

Item No.	Qty	Your Cost
4125-01	4 Liter	139.72

Sulfuric Acid, Babcock Test, Cheese 🕂 🔊

Specially certified specific gravity of 1.835 - 1.840 as required for use with cheese.

Item No.	Qty	Your Cost
3004-35	gallon	60.65

Sulfuric Acid, Babcock Test, Pennsylvania Modification 🕀 📉

Specific gravity certified to be 1.720 - 1.740.

Item No.	Qty	Your Cost
3004-30	gallon	64.88

Sulfuric Acid, Gerber Test, Diluted 🕀 🔊

For use when testing frozen desserts or chocolate milk. Clean, colorless or almost colorless and free from fat.

Item No.	Qty	Your Cost
1083-00	gallon	73.71

Sulfuric Acid, Gerber Test, Milk 🕂 📉

Conforms to APHA, Standard Methods for the Examination of Dairy Products.

Item No.	Qty	Your Cost
1082-00	gallon	51.69

Sulfuric Acid, Gerber Test, Van Gulik Method

For use when testing cheese according to the Van Gulik method, ISO 3433. Certified to be specific gravity 1.522 ± 0.005 g/mL at 20°C.

Item No.	Size	Your Cost	Item No.
1082-50	gallon	125.51	4117-00

Sulfuric Acid Standardettes

Certified against NIST traceable standards. For standardizing 0.02N base

39.98 mL in each ampoule.

Item No.	Qty	Your Cost
4125-20	pack/12	79.08

Tartaric Acid, 99%

To adjust pH of Potato Dextrose Agar.

Item No.	Qty	Your Cost
3081-07	1 lb.	59.60

Tartaric Acid, 10% (w/v) Aqueous Solution

Use as an acidifying agent with potato dextrose (glucose) agar.

Item No.	Qty	Your Cost
3081-13	500 mL	52.96
3081-15	liter	86.44

Triton X-100, Octyl Phenol Ethoxylate

Versatile nonionic surfactant recognized for wetting and emulsification performance.

Item No.	Qty	Your Cost
EM-9440	4 liter	426.04

Water, Deionized NACS GRADE

High purity and certified to meet exacting specifications according to *Standard Methods for the Examination of Dairy Products,* current edition, 9020:II, Quality of Reagent Water Used in Microbiology Testing, and NELAC 4.1, Requirements for Laboratory Pure Water.

ltem No.	Qty	Qty Break	Your Cost
4118-10	4 liter	1-3	14.93
	bottle	4+	12.45
4118-15	20 liter	1	30.18
Ô	cubetainer	2+	26.8 1

Xylene, 97% + 🕀

For laboratory cleaning procedures.

tem No.	Qty	Your Cost
1117-00	pint	69.07

CHEMICALS

ACCESSORIES: FOR CHEMICALS

Safety Supplies see pages 119 - 124. Wash Bottles see page 83.



Dairy Testing

The Fluorophos[®] ALP Test System (Advanced Instruments)

Determining safe alkaline phosphatase levels with speed and accuracy.

The Fluorophos ALP Test System is the industry standard and is extensively used by regulatory authorities. ALP testing provides an invaluable end-product test.

The EU requires that any other method considered for use be validated against the fluorimetric method and has lowered the statutory level for ALP in pasteurized milk from 500 to 350 mU/L. With the Fluorophos ALP Test System, you can closely monitor your production processes and anticipate quality control problems. The test can detect pinholes and cracked seals in your high-temperature short-time (HTST) system before they trigger pasteurization failures and workflow interruptions.

The fastest and most sensitive test for confirming pasteurization.

- ✓ Greatest sensitivity. The Fluorophos ALP Test detects as little as 0.003% raw milk contamination, making it many times more sensitive than any other method. Our Fluorometer actually exceeds the FDA and EU ALP detection criteria.
- ✓ Highest specificity. The high level specificity of the Fluorophos ALP test eliminates false positives, and color or fat content variations in cheese and flavored products will not affect test results.
- ✓ Globally proven. Laboratories around the world are using the Fluorophos ALP Test in conjunction with a Hazard Analysis and Critical Control Point (HACCP) program. The Fluorophos ALP Test is the standard ISO/IDF method and was reviewed and approved by NCIMS/FDA. It is also approved by AOAC, IMS, and CEN European standards for confirming proper pasteurization.
- ✓ Fast and accurate results. Test results automatically appear in approximately 3 minutes on the digital display. With one system you can test both cheese and other dairy products made from fluid milk.
- ✓ Reduced production liability. Because the Fluorophos ALP Test detects ultra low levels of raw milk contamination, it offers unmatched protection against the threat of pathogens in pasteurized milk.



Specifications	
Sample capacity	Single sample
Test Units	FLU (fluorescence unit)
Resolution	1 FLU
Test time	3 minutes
Product Channels	60
Optics	90° optical bench with light source, fixed filters, detector
Light source	Light emitting diode
Communications Integrated thermal 	ovintor
5	S-232) serial port (baud selectable: 1200, 2400, 4800, 9600
Optional barcode re	eader
Dimensions	(W x H x D) 6.5" x 12.5" x 16.5" (17 cm x 32 cm x 42 cm)
Net weight	18 lbs. (8 kg)

Net weight18 lbs. (8 kg)Shipping weight34 lbs. (15 kg)

Item No.	Mfr Model No.	Description	Qty Break	Your Cost
3074-11	FLM300	Fluorophos Test System	1	12,206.30
			2+	11,449.00
Item No.	Mfr Model No.	Description		Your Cost
3074-18 🖄	FLA225	ALP 225 – Test Kit with Cuvettes - 225 tests		988.01
3074-19 🗼	FLA224	ALP 225 – Test Kit reagent set only (w/o cuvettes)		904.12
3074-20 潫	FLA250	ALP Three Calibrator Set - 30mL each		283.41
3074-22 🌞	FLA260	Phosphacheck Milk Controls - 9 pk, neg/normal/pos		283.41
3074-24 🌞	FLA280	ALP Daily Instrument Control - check instrument for drift		283.41
3074-26	FLA020	Replacement cuvettes, case/250		223.25
3074-31	FLA888	2 mL air displacement pipet		942.90
3074-32	ACM205	Fluorophos 2 mL pipet tips, pk/25	Fluorophos 2 mL pipet tips, pk/25	
3074-50	FLA835	Thermal Printer Paper, 5-pack	Thermal Printer Paper, 5-pack	
3074-60	FLA865	25uL pipettor		775.80
3074-62	FLA885	75uL pipettor		766.10
3074-82 🗼	FLA005	Cheese Extraction Buffer, 240 mL bottle		138.57
3074-83	FLA880	Pipet tips, 25-75 μl, pack/100		225.55
3072-45	FLA887	Air Filter, pack/6		155.99

DAIRY TESTING

📉 Weber Exclusive 🛛 💮 First case upgrade 🔶 Hazardous Materials 🛛 🕸 Ships on Ice

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Cryoscopes

QuickCheck[™] Cryoscopes

(Page & Pedersen)

Testing for added water in milk, these freezing-point instruments ensure that extraneous water is not present in your milk. The QuickCheck family of cryoscopes complies with the recommended methods as reviewed by the AOAC/IDF/ISO for payment purposes. Choose from 3 different models appropriate to your specific budget and requirements.

QuickCheck[™] Flex Cryoscope

The only 12 Volt -DC powered instrument, the portable QC-FLEX is a tool for rural or remote locations off the 'grid' or in areas where AC power is not always reliable. Applications include milking parlors, bulk tanks, collection centers, milk trucks, use by herd management teams and field reps. Bringing you real-time information about added water, when you need it – where you need it: Check the bulk tank to monitor for added water caused by improperly drained lines, condensation, etc. Screen milk samples for extraneous water upon pick up at the farm, prior to loading, to confirm compliance with recommended levels. Comes with large alligator clips.

QuickCheck[™] TECH Cryoscope

Reliable, affordable and versatile analytical tool for detecting extraneous water in milk at any point throughout the dairy supply chain. Easy to use, accurate, cost-effective and analysis of milk, in compliance with internationally reviewed and recommended methods (AOAC, IDF 108:2009 & ISO 5764:2009) for payment purposes. Robust electronics, featuring a streamlined calibration and rugged cooling capabilities. The QC-TECH provides results that meet or exceed accuracy requirements for QC/QA critical control points including payment purposes in milk collection/ reception.

QuickCheck[™] -IV/GR Cryoscope

Testing milk for extraneous water in accordance with internationally reviewed and recommended methods (AOAC, IDF 108:2009 & ISO 5764:2009), the QC-IV/GR ensures that incoming milk is not adulterated with added water for payment purposes. Also, the QC-IV/GR provides a critical control check for processed milk and confirms proper balance in cheese, yogurt and ice-cream recipes, cheese, yogurt and ice-cream recipes.

3072-61

3072-62

3072-63

Item No.	Mfr Model No.	Description	Your Cost
3072-61	QC-FLEX	QuickCheck™ Flex Cryoscope	7,173.25
3072-62	QC-TECH	QuickCheck™ Tech Cryoscope	7,573.52
3072-63	QC-IV/GR	QuickCheck [™] -IV/GR Cryoscope	8,693.75
3072-59	QC-IV/GR	Transfer Fluid, 160 mL, for all brands of cryoscopes	25.21

Specifications				
Item No.	3072-61	3072-62	3072-63	
Mfr Item No.	QC-FLEX	QC-TECH	QC-IV/GR	
Sample Size		2.5 mL		
Sample Capacity	Single Sample			
Test Time		~ 2 minutes		
Readout Units		m°C or m°H		
Start-Up Time		~ 10 minutes		
Repeatability	±0.002 °H (or °C)	±0.002 °H (or °C)	± 0.002 °C	
Linearity	$< \pm 0.5\%$ from straight line	$< \pm 0.5\%$ from straight line	< ±0.5%	
Resolution	0.001 °H (or °C)	0.001 °H (or °C)	± 0.0001 °C	
Bath Temperature	Adjustable -4° C to -8° C Default -6.0° C \pm 0.5° C			
Calibration	2 points (422, 621 m°H/408, 600 m°C)	2 points (422, 621 m°H/408, 600 m°C)	2 points (User Selectable)	
Power Consumption	120 W	120 VAC	125 W	
Power Requirement	DC: 12-14.2 V, 10 Amp	120 VAC	120 VAC	
Fuse	15 Amp	2 Amp	3 Amp	
Ambient Air Temperature	15° to -40° C	15° to -40° C	15° to -38° C	
Humidity	30 - 80% Relative			
Dimensions (W x H x D)	17 X 17 X 14 inches	18 X 18 X 16 inches	18 X 18 X 16 inches	
Net Weight	17 lbs (7.7 kgs)	22 lbs (10 kgs)	36 lbs (16.4 kgs)	
Gross Weight	20 lbs (9.5 kgs)	47 lbs (21.5 kgs)	65 lbs (24.5 kgs)	

Dairy Testing



Advanced[®] 4250 Single-Sample Cryoscope (Advanced Instruments) Includes built-in printer for thorough documentation

An automated, single-sample cryoscope that tests cow, goat, sheep, and buffalo milk for added water and produces accurate results in just 2 minutes. New model has a number of new features, including an on-board printer and data export capability.

KEY FEATURES

- On-board printer with vertical printout
- Dual m °C or m °H scale

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- Timed plateau or plateau seeking mode
- Electronic storage and retrieval of approximately 30 test results
- On-board statistical analysis (mean, standard deviation and coefficient of variation functions)
- RS232 and data export capability
- Downloadable software upgrades
- Multiple language capability
- Optional barcode capability
- Data/time stamp (recall and event record functions)

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Solubility Testing Supplies

Phosphatase Test

SPECIFICATIONS

Sample Size	2.0 or 2.5 mL
Test Time	Approx. 90 seconds in the 30-second mode
Sample Capacity	Single Sample
Units	-m °C or m °H
Resolution	1 m ℃ or m ⁰H
Range	0 to 1000 °C or °H

Performance at Reference Conditions

Linearity	Less than $\pm 0.5\%$ from a straight line
Repeatability	±2 m°C or m°H (1 S.D.)
Drift	Less than 1 m°C or m°H per month

Performance Over Operating Conditions

Operating Conditions

Temperature	18 to 35°C (64 to 95°F)
Humidity	5 to 80% relative humidity (non-condensing)
Storage Temperature	-40 to +45°C (-40 to +113°F)
Electrical Voltage	100 to 130 VAC (50/60 Hz) or 200 to 250 VAC (50/60 Hz)
Power Consumption	150 Watts
Size	13"W x 18"D x 16"H (40.6cm x 33cm x 45.7cm)
Net Weight	28 lbs. (12.7 kg.)
Shipping Weight	39 lbs. (17.7 kg.)
Warranty	One-year limited warranty on workmanship and all parts except glass, plastic, and parts warranted by their makers.
Certification	CE, UEV, ISO 9001

Item	Description	Qty Break	Your
No.	Description	вгеак	Cost
3073-11	Advanced 4250 Single-Sample Cryoscope	1	18,422.75
	Includes	2+	16,748.00
	Paper Manual Electronic Manual		
3073-15	Replacement stainless steel sample probe for Advanced Instruments cryoscope models 3D3, 4D3, 4250.	Each	1,577.04
	(Note: older versions of the 3D3 & 4D3 (from the early 1990s) require the replacement probe's wire to be cut and soldered on to the apparatus. The 3D3 and 4D3 from the mid-1990s forward allow the replacement probe to be plugged in directly. The 4250 model also allows the replacement probe to be plugged in directly with no cutting/ soldering.)		
3072-83	4D3710 - Fluid Filter for Advanced Cryoscope Model 4D3	each	67.42

Thermal Printer Paper

Item No.	Mfr Item No.	Qty	Your Cost
3074-50	FLA835	pack/5	114.96

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Cryoscopes

Milk Cryoscope Accessories, guaranteed to be compatible with Advanced Instruments, Fiske, Precision and all other milk cryoscopes. Choose from either Advanced Instruments or Weber Scientific brand.



Advanced Instruments CryoLine[™] Calibrating Standards

Item No.	Mfr Item No.	ОН	Size	Qty	Your Cost
3072-16	3LA023	422	10 mL glass ampules	pack/10	93.75
3072-17	3LA022	422	110 mL		39.00
3072-19	3LA033	621	10 mL glass ampules	pack/10	93.75
3072-20	3LA032	621	110 mL		39.00

Advanced Instruments Lactrol® 530 Reference Solution

For verification of milk cryoscope linearity. Behaves like milk in freezing point tests.

Item No.	Mfr Item No.	Size	Qty	Your Cost
3072-18	3LA027	100 mL	each	41.60
3072-35	3LA030	10 mL	pack/10	121.32

Sample Tubes – Glass

Item No.	Manufacturer	Size	Qty	Your Cost
3072-40	Advanced Instruments 3LA823	2 - 2.5 mL	pack/12	160.55
3072-46	Weber Scientific	2 - 2.5 mL	pack/12	61.31

Air Filters

Item No.	Mfr Item No.	Qty	Your Cost
3072-45	Advanced Instruments 3D2340	pack/6	155.99

Heat Transfer Fluid

Item No.	Mfr Item No.	Size	Your Cost
3072-60	Advanced Instruments 3DA811	150 mL	86.46

Tube Rack

Item No.	Number of Tubes	Size	Your Cost
3072-79	30	4.1" x 5.1" x 1.75"	30.66
3072-78	40	10" x 4.4" x 3.5"	41.08

Cryoscope Wipes

Item No.	Mfr Item No.	Qty	Your Cost
3072-84	Advanced Instruments 4C3840	pack/100	191.66





3072-79



3072-78

Snapshot[®] DSR Image Reader and Printer (IDEXX)

Quickly reads and displays test results

Touch-screen display with numeric data entry, or full alphanumeric data entry with SNAPconnect software or an attached keyboard. Upgraded vision system and display make results easy to read. Use the SNAPshot DSR display in any of these languages: English, French, German, Spanish, Italian, Portuguese, Chinese, Japanese

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SNAPconnect[™] simplifies data transfer to your PC

- Run your SNAPshot DSR Reader from a PC in the guality control lab.
- Quickly download, store and analyze test results.
- Use a PC keyboard to input data and customize reports.
- Read, store and share results when performing trace backs.
- Print directly to your PC printer when you need a paper trail.

Item No.	Description	Your Cost
3904-20	Snapshot Reader, 115 V	3,848.75
3904-28	Printer, includes paper and power supply	671.59
3904-10	Reader Accessory Pack, 4 rolls of paper and 2 printer cartridges	58.69
3904-11	Replacement Printer Cartridge	6.71
3904-30	Microprocessor Bundle, includes Reader, Printer, timer, heater, controls, and 30 test kit	5,361.55

Portable Heater Block (IDEXX)

Two plugs included: a 115-volt wall plug and a 12-volt vehicle auxiliary power plug. Twopositon design allows you to heat two SNAP tests at the same time. Temperature strips help monitor temperature visually, and there is also a cavity for a thermometer (available separately). Maintains tem-



perature between 40-50°C.One year warranty. Includes timer.

Item No.	Your Cost
3903-05	892.90

Economy 450µL Fixed-Volume Micro-Pipettor (United Scientific)

The 450 µL volume is ideal for the Snap[™] Test. These pipettes are manufactured in an ISO 17025 facility,

as well individually calibrated according to ISO 8655 standards. A calibration certificate is provided with each pipette. Uses standard universal tips. One year warranty.

ltem No. Ite	m No. Volu	Inaccuracy/ me Imprecision	Your Cost
3188-42 PF	V-450 450 µ (0.45		% 129.54

SNAP[®] Beta Lactam Test Kit (IDEXX)

Contains SNAP device, sample tube with cap and reagent pellet, and pipet.

Item No.	Qty	Qty Break	Your Cost
3900-01 *	pack/30	1-4	141.98
		5+	129.09



SNAP® Tetracycline Test Kit (IDEXX)

New SNAP Tetracycline Test Kit: We've changed the test procedure to match our New SNAP Beta-Lactam test kit-now you can run them side by side with a 5 minute incubation and a 4 minute color development. In addition, this new test kit is less sensitive and will detect the following drugs in raw commingled cow milk at or below these levels: tetracycline 50 ppb, chlortetracycline 100 ppb and oxytetracycline 50 ppb. (Mfr. Item # 99-11470)

Item No.	Qty	Qty Break	Your Cost
3905-01 *	pack/30 tests	1-2	169.27
		3-4	163.01
		5+	156.57

* Items ship via 3 day delivery to areas outside of a 3 day shipping lane

SNAP® ST Positive Control Kit (IDEXX)

- Includes 25 controls.
- Use for test-system monitoring with SNAP® ST tests and SNAP Tetracycline.
- IDEXX recommends running positive and negative controls daily and with each new lot of tests.



Item No. Mfr Item No. Qty Your Price 3110-03 98-27430-01

Penicillin Positive Control (IDEXX 980651300)

Unit dose for convenience and less waste

Recommended for use as a daily control for the SNAP beta lactam test. Reconstituted milk-based positive control contains penicillin G at 5 PPB with an accuracy of $\pm 10\%$ (as required by FDA memorandum M-a-86). Before reconstituting, store refrigerated or at room temperature. After reconstituting, store refrigerated or at room temperature and use within 24 hours.

pack/25

307.10

Item No.	Qty	Your Cost
3110-01	Pack of 50 individual positive control vials, sufficient to run 100 samples. Complete with 50 disposable pipets.	217.60

Penase (Penicillinase)

Available: pack of 10 X 20 ml. Product ships via 2 day delivery, but not on ice.

Additional shipping charges may apply.

ltem No.	Qty	Your Cost
3110-28	1,000,000/2,000 L.U.	290.11
3110-30	10,000,000/20,000 L.U. (concentrate)	506.65

Fine Point Forceps

Stainless steel. Dissecting style.

Item No.	Your Cost
3110-65	27.97

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PMP Acidity Titratable Tester – The Glass Alternative 🚿

Non-glass components feature Nalgene® plastic (PMP) buret and flask. The buret is supplied with stopcock and is graduated with a scale that corresponds to the 1% full scale as found on the glass Kimax® acidity buret, therefore each mL corresponds to 0.1% titratable acidity. The complete outfit consists of one buret, filling tube assembly with Tygon® tubing, 2-holed stopper, rubber bulb with 4" of tubing and a clamp. Simple assembly is required.

The buret is self-zeroing, crystal clear, durable and meets ASTM E287. Capacity is 10 mL with 0.1mL subdivisions and a tolerance of \pm 0.04 mL. The flask holds 1000 mL.

Item No.	Description	Your Cost
3010-11	Acidity Titratable Tester	323.12
3010-12	Replacement Buret Unit with Hose	226.43
3010-14	Replacement Flask	127.64
3010-13	Replacement Tygon [®] Tubing Per foot - Clear	2.73
3010-03	Replacement Rubber Bulb With two valves, control vent and four inches of tubing	31.70
3010-06	Replacement Rubber Tubing Per foot - Black	2.52
3010-02	Replacement rigid straight tubing 1/4" OD, for both 3" and 13.5" lengths going thru stopper.	1.09
3010-15	Replacement 2-Holed Stopper (Pack - 1lb bag)	6.43
3010-16	Replacement Clamp	50.01
3010-07	Stepped Connector	5.40
3010-17	O Rings	0.28

Acidity Tester, Automatic (Kimble 620F)

Buret, supplied with stopcock having PTFE plug, is graduated with a durable white scale from 0 to 1%, *giving readings directly in percentage of acidity*. The complete outfit consists of one buret, filling tube assembly (glass tubes and rubber stopper), 100 ml beaker, rubber bulb, reservoir bottle, stirring rod, clamp and 9 mL pipet. The neutralizer and indicator must be purchased separately.

ltem	Your
No.	Cost
3010-00	490.47

Replacement Buret Unit

(Kimble A620F	:)
Capacity %	1
Subdivision %	1/100

Item	You
No.	Cos
3010-01	215.64

Replacement Rubber Bulb

With two valves, control vent and four inches of tubing.

800-328-8378

Item No.	Your Cost
3010-03	31.70



Replacement Tygon® Tubing

3010-05	3.04
ltem No.	Your Cost
-or use with Acidity	l'ester. Per foot.

Replacement Rubber Tubing Pure gum, black latex. For use with Acidity Tester. Per foot.

ltem No.	Your Cost
3010-06	2.52

Replacement Tube Vent

Tube vent for Acidity Tester attaches to the rubber bulb.

ltem No.	Your Cost
3010-09	23.04

Replacement Stir Rod

(Kimble 609-99) Sealed, hollow stirring rod contains a paper comparator with two bands in different shades of pink, to aid in endpoint determination.

Your Cost

43.13

3010-04 Replacement Stopper

Item No.

Item No.	Your Cost	
3010-08	16.96	

Replacement Tube Filling Long glass replacement tube for

the Acidity Tester.
Item No. Your Cost

item no.	Tour cost
3010-10	5.48

Indicator, 1% Phenolphthalein

In 95% denatured alcohol.

Item		Your
No.	Qty	Cost
3008-00	500 mL	15.31
3008-02	2 ounce	10.33
	dropper bottle	

Neutralizer, Sodium Hydroxide, 0.100N

0.100 Normal NaOH. Mol. Wt. 40.01. This aqueous solution of sodium hydroxide is standardized to



contain 4.00 g NaOH/liter @ 25° C.

ltem No.	Qty	Qty Break	Your Cost
3006-00	4 liter	1-3	40.27
Ó		4+	36.67
3006-02 🕎	4 liter cubepack		82.71
3006-04 🕅	20L Cub	etainer	168.40

Indicator bottle	
Polyethylene. 2 ounce capacity, each.	

Item No.	Your Cost
3008-04	4.25

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ACIDITY TITRATABLE

I

Dairy Testing



Babcock Test Bottles 💦

Beautifully crafted in the USA

WEBER SCIENTIFIC

Precise and thin calibration lines for superior readability. All bottles are 6 $\frac{1}{2}$ " / 165 mm long.

ltem No.	Description	Subdivision %	Tolerance %	Sample Size
2097-03	2097-03 50% Paley Cheese Bottle with (3) rubber stoppers		±0.25	9 gram
2097-05	20% Paley Cheese Bottle with (3) rubber stoppers	0.2	±0.20	9 gram
2097-07	.05% Skim Milk	0.5	±0.025	18 gram
2097-09	8% Milk	0.1	±0.04	18 gram
2097-11	20% Ice Cream	0.2	±0.20	9 gram
2097-13	50% Cream 9 Gram	0.5	±0.25	9 gram

Item No.	Qty Break	Your Cost
2097-03	1	85.89
	2+	74.57
2097-05	1	84.99
	2+	73.83
2097-07	1	52.92
	2+	45.97
2097-09	1	33.08
	2+	28.83
2097-11	1	27.89
	2+	24.23
2097-13	1	27.25
	2+	23.67

2099-07

Cream Bottle Brush

Two part design to clean both bulb and neck of cream bottles.

Item No.	Your Cost
2099-07	4.90



Pipet For Milk (Kimble 3005S)

"Sealed" pipet is made in accordance with specifications of the Association of Official Analytical Chemists. Volumetric. Calibrated to contain.

Capacity mL	17.6	_
Tolerance mL	±0.05	_
ltem		
NI -		

nem	TOU			
No.	Qty Break	Cost		
3001-01	1-11	26.48		
	Multi of 12	22.08		

Pipet for Cream

(Kimble 570) Volumetric, Calibrated to deliver.

volumetrie. camprated to deliver.			
Capacity mL		9	
Tolerance r	пL	±0.05	
Item			Your
No.	Qty	y Break	Cost
3002-01	1-1	1	18.12
	Mu	lti of 12	16.10

Babcock Acid 🥆 🗘

According to the article "An Evaluation of the Precision of Reference Test Methods Used in the Analysis of Milkfat in Laboratory Control Samples", published in the August 1986 Dairy and Food Sanitation magazine, the following modification was specified "...adjusting of the specific gravity of the sulfuric acid to 1.825..." Our product is guaranteed to be clean, colorless and standardized at specific gravity 1.825. Using Babcock acid that is always the exact same strength from one lot to the next saves a great deal of time in determining the amount of acid to be used to standardize the measurement of the milk/acid reaction temperature.

Item		Qty	Your
No.	Qty	Break	Cost
3004-00	gallon	1-3	60.02
		4+	51.03

WEBER EXCLUSIVE

Pipet for Skim Milk (Kimble 580S-9)

Volumetric. Calibrated to contain. Marked "Sealed 3" and designed to comply with the Pennsylvania Modified Babcock reference for testing skim, lowfat, buttermilk or whey.

3002-04	each	25.03
No.	Qty	Cost
Item		Your
Tolerance mL	± 0.05	
Capacity mL	9	

Babcock Acid, Pennsylvania Modification N 🕈

Specific gravity certified to be 1.720 - 1.740.

Item No.	Qty	Your Cost
3004-30	gallon	64.88

Babcock Acid, Cheese

Specially certified specific gravity of 1.835 - 1.840 as required for use with cheese.

Item No.	Qty	Your Cost
3004-35	gallon	60.65

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details

SEDIMENT TESTING

Bushings for Sediment Tester

Bushings come as a pair, except for powders, which is a single screen.

ltem No.	Sample size	Sample size, oz/mL	Ø Filter Area in/mm	Your Cost
3070-52	16 oz	16/473	.40/10	38.43
3070-54	4 oz	4/118	.20/5	37.49
3070-56	2 oz	2/59	.14/3.6	37.49
3070-58	1 oz	1/30	.10/2.5	37.49
3070-60	Powders			25.47

For USDA Sediment photos at no cost, call 202-690-3571.

Schwartz Air Vent Vertical Filter and Cage & Cap Assembly



venting of tanker truck while unloading Designed to keep out debris, but allow air in for proper unloading

Isotropic filter and filter cage & cap assembly allows

- ٠ Air vent vertical filter media fits Schwartz cage & cap assembly
- 8-1/2" x 5-1/2" non-woven filter averages 40 Micron roughly 325 mesh
- 100 filters per box

Item No.	Description	Qty	Your Cost
6000-25	Air vent vertical filter	Box/100	36.42
6000-26	Schwartz cage & cap assembly	each	62.14

Mojonnier Fat Extraction Flask

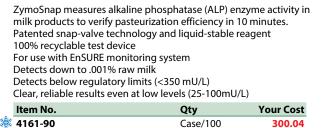
Same as standard G-3 flask. Without pouring lip. Requires #1 stopper (not included). Weight is approx. 78 grams / 2.75 oz. Dimensions are 7" long x 3" wide / 178 x 76 mm. Capacity of the bottom chamber is 21-23 mL



Item No.	Qty	Your Cost
3005-74	1	61.56
	2+	54.99



Detects down to 0.001% raw milk



800-328-8378

ACCESSORIES: FOR MOJONNIER FLASK

#1 Stoppers visit website.

Chemicals for fat testing see pages 56 - 57.



Sediment Tester Cards

Filter is bonded to card to give you the test and record in one easy step. Accommodates up to 1 1/4" openings.

ltem No.	Qty	Your Cost
3071-20	pack/500	90.42

Sediment Tester Discs

Weber[™] Emulsion

Quality Analyzer* for the

* This product is not manufactured or

Concentrate*

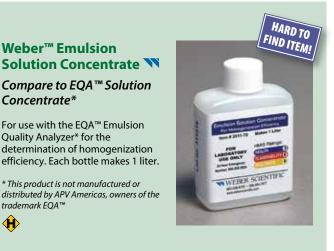
trademark EQA™

 (\mathbf{H})

Economical! 1 1/4" diameter. Suitable for all milks or creams. Updated rayon disc material.

ltem No.	Qty	Qty Break	Your Cost
3071-10	pack/1000	1	25.78
		2+	23.88





Item No.	Unit	Qty Break	Your Cost
2011-70	Each	1-5	74.80
		Multiples of 6	58.75

FIND IT AT WEBERSCIENTIFIC.COM

Weber Pipeline Filter Screens

Aluminum Weigh Dishes see pages 25 - 26.

Dairy Testing

More than 100 years of international data have established the Gerber Fat Test as a world-wide leader. It is a simple, fast, convenient and truly "quantitative" volumetric method to determine the percentage of fat in milk, cream and frozen desserts.

We will be glad to suggest the GERBER TEST supplies you might need for the most efficient yet economical installation possible. Simply list the number and types of samples in your daily work load, and the equipment already in your laboratory.

Tilt Measure, For Iso Amyl Alcohol 🚿

WEBER SCIENTIFIC

For rapid and reproducible dispensing of 1 mL iso amyl alcohol. Calibrated to deliver. Consisting of a vented, fixed volume reservoir, rubber stopper and a 16 oz. flint glass pint jar.

In use the tilt measure is tipped backward, to fill reservoir in the head. Excess liquid is automatically returned to the attached jar through a vent in the top of the reservoir when unit is righted for dispensing.

Item No.	Your Cost
1051-00	97.66

Replacement Stopper

For use with either 1056-00 -10 mL tilt measure, or 1051-00 -1 mL tilt measure.

Item No.	Your Cost
1056-01	2.17



Bottle Holder Adaptor

Glass cylinder suited for use with electronic flat pan type balances. Base design reduces chance of tipping over.

ltem No.	Qty Break	Your Cost
2069-01	1-3	24.79
	multi of 4	16.27



Tilt Measure, For Sulfuric

numbers of samples. For rapid and

reproducible dispensing of 10 mL

sulfuric acid. Calibrated to deliver.

reservoir, rubber stopper and a 16

oz. flint glass pint jar. In use the

tilt measure is tipped backward,

to fill reservoir in the head. Excess

liquid is automatically returned to

the attached jar through a vent in

righted for dispensing.

Item No.

1056-00

the top of the reservoir when unit is

Your Cost

104.58

Consisting of a vented, fixed volume

A low cost and safe device

convenient for testing small

Acid N



Gerber Centrifuge (Garver Deluxe G)

- 12 bottle capacity
- Cast aluminum with satin finish
- Heater with switch, pilot light,
- thermometer and thermostat Visiscope[™] speed indicator (must have overhead fluorescent lighting)
- Fits all sizes of Gerber test bottles
- Speed is fixed at 350 ± 50 g
- 23" bowl diameter, 14 1/2" base, 15 1/2" overall height
- 115 V. 60 cycle
- 90 day warranty



Gerber Micro III[™] Centrifuge (Gerber Instruments)

- 12 bottle capacity
- Microprocessor controlled with digital display of time and temperature
- Compact steel case with cover lock that keeps the lid closed until rotor stops spinning.
- New - Increased precision thanks to controlled speed
- New Unbalance shut-off through uneven filling or sudden glass breakage
- Gerber rotor and 12 Butyrometer brass sleeves included
- Dimensions: 17"W x 21"D x 11"H (430 x 530 x 280 mm)
- 115 V. 60 Hz. 600 W

Item No.	Mfr Item No.	Your Cost
1005-40	03.2265	3,636.70

Gerber Bottle Storage Rack (Bel-Art Scienceware)

Ideal for drying and storage. 24 tube capacity. Submersible and autoclavable polypropylene. Size: 9.7" wide X 4.1" long X 2.5" high.

Item No.	Your Cost
1077-41	27.81

Gerber Water Bath

Designed specifically for the Gerber Test. Requires separate heat source (e.g., hot plate, Bunsen burner, etc.) All aluminum bath and 16 bottle rack.

Item No.	Your Cost
1069-07	375.90

66

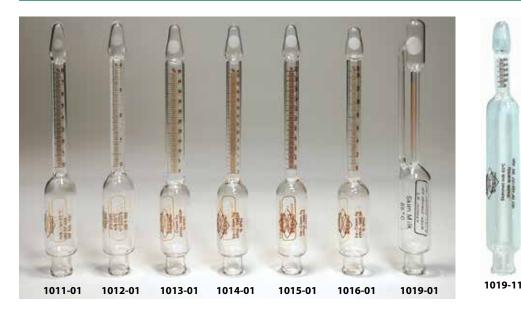
ACCESSORIES: FOR GERBER TEST



Dispensers for Gerber Reagents see pages 99 - 100. Additional Brushes see pages 173. Cannula for Syringe see page 39.

Fat Testing - Gerber Test

40 0.5 3 gram



GERBER TEST BOTTLES (BUTYROMETERS)

The absolute best quality available. Standardized dimension and capacity. Craftsman made resistant borosilicate glass, fully annealed. Precision calibration with guaranteed permanent graduations. #1011 through #1016 are manufactured by Gerber in Switzerland in accordance with specifications in American Public Health Association Standard Methods for the Examination of Dairy Products.

Milk Test Bottle

Size %		8	
Subdivisio	on %	0.10	
Scale Prec	ision	±0.05	
Sample Si	ze	11 ml	
ltem			Your
No.	Qty Break		Cost
1011-01	1-9		37.75
	Multiples of 1	0	33.97

Semi-Skim (Low Fat) **Milk Test Bottle**

Size %		4	
Subdivisio	on %	0.05	
Scale Prec	ision	±0.025	
Sample Si	ze	11 ml	
Item			Your
No.	Qty Break		Cost
1012-01	1-9	3	5.88
	Multiples of 1	0 3	2.27

Heavy Cream Test Bottle

Size %		50
Subdivisio	on %	0.5
Scale Prec	ision	±0.25
Sample Si	ze	5 gram
Item		Your
No.	Qty	Cost
1013-01	Pack/10	395.00

800-328-8378

Ice Cream and Light Cream Test Bottle

Size %		25	
Subdivisio	on %	0.2	
Scale Prec	ision	±0.10	
Sample Si	ze	5 gram	
ltem			Your
No.	Qty Break		Cost
1014-01	1-9		44.76
	Multiples of 1	0	40.30

Ice Cream and Light Cream Test Bottle

		-
Size %		20
Subdivisio	on %	0.2
Scale Prec	ision	±0.10
Sample Si	ze	5 gram
ltem		Your
ntem		rour
No.	Qty Break	Cost
1015-01	1-9	43.02
	Multiples of 10	38.73

Ice Cream and Half & Half **Test Bottle**

Size %		15
Subdivisio	n %	0.2
Scale Prec	ision	±0.10
Sample Siz	ze	5 gram
ltem		Your
No.	Qty Break	Cost
1016-01	1-9	44.76
	Multiples of 1	0 40.30

Skim Milk "Side-Arm" Test Bottle

Size %	0.5
Subdivision %	0.01
Sample Size	11 ml

We designed this bottle to permit rapid, accurate testing of the fat content of skim milk in less than 10 minutes in a single easy step. The side-arm permits easy, rapid transfer of the acid from the small terminal bulb to the large bulb. Only a single centrifuging is needed and the fat content can be read directly in percentage. The one one-hundredth graduations offer enough sensitivity for even the most efficient separators. Supplied with special rubber stopper.

Item		Your
No.	Qty	Cost
1019-01	each	206.34

Skim Milk "Double Quantity" Test Bottle

Size %	0.5
Subdivision %	0.02
Sample Size	21.46 – 22 mL

Bottle is calibrated for a double quantity of sample. Plain neck bottle requires solid rubber stopper (#1019-02, sold separately).

Item No.	Qty Break	Your Cost
1019-11	1-9	49.21
	Multi. of 10	44.27

Bottle	
Size %:	
Subdivi	sion %:
Sample	Size:

Cheese Test

To test fat in hard cheese according to the Van Gulik method, ISO 3433. Complete with a large stopper attached to a perforated glass weighing funnel, and a small stopper for the open terminal bulb. Item Qty Your

No.	Break	Cost
1021-01	1-9	56.91
	Multi of 10	50.56
Hand-Held		1

Key Manufactured of 90

nickeled brass.

Item No.	Your Cost
1033-00	12.55

Replacement Solid Rubber Stopper 🚿

For use with the skim milk bottle. Double conical shape.

Item	Your	
No.	Cost	640) -
1019-02	3.43	9 66

Replacement Stopper Set 🚿

For use with cheese test bottle. Includes a large stopper attached to a perforated glass weighing funnel, and a small stopper for the open terminal bulb. Item

Qty Cost No. 1021-02 ea. 18.02

Lock Stopper 🚿

Resistant rubber, brass bound and cored. Positioned into Gerber bottle by pressure from handheld key on interior ball. Positive sealing reduces possibility of acid spillage. 21 mm long X 11/12 mm diameter.

Your

ltem No.	Qty Break	Your Cost	
1032-01	1-11	7.59	0
	Multi. of	6.90	
	12		

Visit: weberscientific.com





Stem Brush 🕚

Delicate brush specially designed

bottle. (Not for 4% bottles.)

for cleaning the stem of the Gerber

Dairy Testing

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Bulb Brush 🚿

1028-00

Specially designed for cleaning the large bulb of the Gerber bottle. Heavy duty! (Not for 4% bottles.)

1029-00

Item No.	Diameter	Your Cost	Item No.	Diameter	Your Cost
1028-00	4mm	5.28	1029-00	30mm	5.33

Wide Tip Glass Pipet (Kimble 37034B-5)

Use for weighing out ice cream mixes that contain seeds, viscous products, etc. Graduated.

		Subdivision		
Item No.	Capacity mL	mL	opening, mm	Your Cost
1042-03	5	0.1	3	21.11

Pipet For Water (Kimble 370 Series)

For use in performing the cream test. Calibrated to deliver.

Item No.	Capacity	Subdivision mL	Description	Your Cost
1042-01	5		volumetric	13.91
1042-02	5	0.1	graduated	14.27
1042-05	10	0.1	graduated	16.29

Syringe for the Measurement of Creams and Ice Creams

The use of a syringe is much easier to weigh out 5 grams of a viscous product. It offers greater safety; guarantees that the face is kept away from bottle opening to prevent acid splash. Heavy duty construction; equipped with leakproof plunger and two-piece head cap. Constructed for easy removal of entire plunger assembly for complete cleaning without glass barrel. Cannula available separately (**3043-03**).

ltem	Capacity	Fully	Your
No.	gram	Adjustable	Cost
1046-00	5	0-5	19.92

Pipet For Milk (Kimble 3010)

Capacity mL

Complies with requirements in A.P.H.A. Standard Methods for the Examination of Dairy Products. Volumetric. Calibrated to deliver.

Toleranc	e mL	± 0.05
Item No.	Qty Break	Your Cost
1041-01	1-11	30.34
	Multi. of 12	26.98

11



Pipet For Milk (Gerber)

Calibrated to deliver 10.75 mL milk as referenced in the research paper, "Determination of Fat in Raw Milk: Comparison of Mojonnier (Ether Extraction) and Gerber Method" as published in the Journal of the Association of Official Analytical Chemists.

Item No.	Qty Break	Your Cost
1041-51	1-11	20.57
	Multiples of 12	18.27

Consistent Quality Is Why Our Gerber Test Reagents Are The Best Selling Worldwide



Iso Amyl Alcohol for The Gerber Test 🚿 🤫

Conforms to A.P.H.A. Standard Methods for the Examination of Dairy Products. Clean, colorless or almost colorless. CP primary isobutyl carbinol; free from water, acid, fat and furfural. Specific gravity is 0.814 - 0.816 at 15.5° C.; more than 95% distills at an atmospheric pressure of 760 mm Hg within a 2° C. range between 128° and 132° C.

Item No.	Size	Your Cost
1086-00	gallon	150.72
1087-00	quart	58.58

Gerber Acid 🥆 🕈

Conforms to A.P.H.A. Standard Methods for the Examination of Dairy Products. Formulated specially for the Gerber Test: certified to be specific gravity 1.820 - 1.825 at 60° F. Clean, colorless or almost colorless and free from fat. Using the correct strength sulfuric acid is essential to perform proper Gerber tests. "Standard" commercial (technical grade) 66° Baume acid is not appropriate.

Item No.	Size	Your Cost
1082-00	gallon	51.69

Gerber Acid for Van Gulik Method 🚿 🤫

For use when testing cheese according to the Van Gulik method, ISO 3433. Certified to be specific gravity 1.522 ± 0.005 g/mL at 20°C.

Item No.	Size	Your Cost
1082-50	gallon	125.51

Gerber Acid for Ice Cream 🔊 🕂

For use when testing frozen desserts or chocolate milk. **Special dilution: 94 parts regular Gerber acid to six parts distilled water**. Clean, colorless or almost colorless and free from fat.

Item No.	Size	Your Cost
1083-00	gallon	73.71



DAIRY TESTING

REAGENTS- GERBER TES

💦 WEBER EXCLUSIVE 🛛 (泠 FIRST CASE UPGR

ls 🛛 🗱 Ships on Ice

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details

Filter Papers, Qualitative Standard Grade 1 (Whatman)

The most widely used filter paper for routine applications

Grade 1: 11 μ m with medium retention and flow rate. This grade covers a wide range of laboratory applications and is frequently used for clarifying liquids. Traditionally the grade is used in qualitative analytical separations for precipitates. In the food industry it is used for numerous routine techniques to separate solid foodstuffs from associated liquid or extracting liquid.

	Mfr Item	Dia.,		Your
Item No.	No.	cm	Qty	Cost
3255-10	1001-055	5.5	pack/100	14.64
3255-11	1001-070	7	pack/100	13.78
3255-13	1001-090	9	pack/100	17.32
3255-14	1001-110	11	pack/100	20.64
3255-15	1001-125	12.5	pack/100	20.64
3255-16	1001-150	15	pack/100	30.94
Additional	cizoc availat	lo at u	abarccionti	fic com

Additional sizes available at weberscientific.com

Filter Papers, Application Specific Grade 2555½ (Whatman)

For the brewing industry

A medium fast filter paper. Used for the filtration of the mash for the determination of the extract in malt and wort and for removing carbon dioxide from beer.

Item No.	Mfr Item No.	Dia., cm	Qty	Your Cost
3254-44	10313947	18.5	pack/100	59.99
3254-45	10313951	24	pack/100	70.55
3254-46	10313953	32	pack/100	110.52

Filter Paper, Crepe Fluted Circles

Qualitative for gelatinous and coarse precipitates. Folded. Pack of 100.

1	X	T	IA.
1	01	11	12
		10	

Fast
25 μm
Coarse
240 mm

Item No.	Your Cost
3009-20	110.34

Pre-Pleated Qualitative Grade 113 Filter Paper (Whatman)

Wet Strengthened Grade 113/113V: 30 μ m has ultra high loading capacity with a particle retention making it ideal for use with coarse or gelatinous precipitates. Creped surface.

Your Cost
238.90

FILTER PAPERS

Filter Papers, Qualitative Standard Grade 3 (Whatman)

Double the thickness of Grade 1

Grade 3: 6 µm with still finer particle retention and excellent loading capacity; more precipitate can be held without clogging. The extra thickness gives increased wet strength and makes this grade highly suitable for use in Büchner funnels. The high absorbency is particularly valuable when the paper is used as a sample carrier.

	Mfr Item	Dia.,		Your
Item No.	No.	cm	Qty	Cost
3255-25	1003-055	5.5	pack/100	19.58
3255-26	1003-070	7	pack/100	23.16
3255-27	1003-090	9	pack/100	30.17
3255-28	1003-110	11	pack/100	35.52
3255-29	1003-125	12.5	pack/100	44.58
3255-30	1003-150	15	pack/100	60.24

Filter Papers, Qualitative Standard Grade 4 (Whatman)

Extremely fast filtering

Grade 4: 20-25 μ m with excellent retention of coarse particles and gelatinous precipitates. Used when high flow rates in air pollution monitoring are required and the collection of fine particles is not critical.

ltem No.	Mfr Item No.	Dia., cm	Qty	Your Cost
3255-35	1004-055	5.5	pack/100	15.93
3255-36	1004-070	7	pack/100	15.93
3255-37	1004-090	9	pack/100	18.99
3255-38	1004-110	11	pack/100	24.14
3255-39	1004-125	12.5	pack/100	30.94
3255-40	1004-150	15	pack/100	39.58
Additional	sizes availal	ble at v	veberscientif	ic.com

Filter Papers, Qualitative Medium Fast Grades 0858h/0860h (Whatman)

Grades 0858h: 7-12 µm; 0860h: 12 µm. A universal filter paper, used for the filtration of beer, extracts, etc.



ltem No.	Mfr Item No.	Dia., cm	Qty	Your Cost
Grained	Finish			
3254-20	10334345	15	pack/100	43.25
3254-21	10334347	18.5	pack/100	52.99
3254-22	10334351	24	pack/100	77.55
3254-24	10334353	32	pack/100	106.16
Smooth I	Finish			
3254-26	10334547	18.5	pack/100	69.35
3254-27	10334551	24	pack/100	68.59
3254-28	10334553	32	pack/100	166.62

Visit: weberscientific.com

Filter Papers, Qualitative Standard Grade 597 (Whatman)

Use for the removal of carbon dioxide and turbidity from beer

Grade 597: 4-7 μ m is a medium fast filter paper with medium to fine particle retention. Used for a wide variety of analytical routine applications in different industries like food testing (e.g., determination of fat content) or removal of carbon dioxide and turbidity from beverages (e.g., beer analysis). Also available pre-pleated upon request as a special order.

ltem No.	Mfr Item No.	Dia., cm	Qty	Your Cost
3255-70	10311809	9	pack/100	15.93
3255-71	10311810	11	pack/100	20.64
3255-72	10311811	12.5	pack/100	27.61
3255-73	10311812	15	pack/100	36.10
3255-74	10311814	18.5	pack/100	51.74
3255-75	10311820	24	pack/100	84.37

Filter Pads, Glass Fiber (Whatman)

Commonly used for moisture testing



Grade GF/A: 1.6 µm.

Offers fine particle retention and high flow rate, as well as good loading capacity. Can be used for moisture testing, high-efficiency general purpose laboratory filtration, including filtration of water, algae and bacteria cultures, foodstuff analyses, protein filtration and gravimetric determination of airborne particulates.

	Mfr Item	Dia.,		Your
Item No.	No.	cm	Qty	Cost
3252-50	1820-055	5.5	pack/100	64.47
3252-12	1820-060	6	pack/100	95.39
3252-14	1820-070	7	pack/100	82.75
3252-10	1820-090	9	pack/100	116.92
3252-17	1820-125	12.5	pack/100	201.00
3252-19	1820-150	15	pack/100	291.93

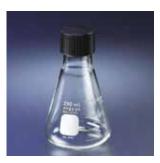
Qualitative Filter Papers, Fluted, Grade 2V (Whatman)

Whatman Grade 2V pre-folded filter paper exposes extra surface area, which enables a higher loading capacity and shorter filtration time.

- Medium flow and nominal particle retention rating of 8 μm
- Herzberg filtration speed of 240 s
- Fluted (pre-pleated) for easy use with conical filter funnels
- Can be used for soil analysis or general filtration

Item No. Dia.		Qty	Your Cost	
3255-54	185 mm	pack/100	112.85	





BER SCIENTIFIC

Replacement Screw Cap for Erlenmeyer Flasks 2071-10 Kimble 28-410 3.90 2071-11 Corning 38-430 3.68

Glass Erlenmeyer Flasks with Screw Cap (Corning)

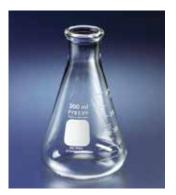
These PYREX® Erlenmeyer flasks with phenolic screw caps are ideal for use as a shaker flask or for mixing, media prep and storage needs. Impact resistant caps with GPI threads are equipped with cemented-in, inert white rubber liners which are resistant to steam sterilization. Their uniform wall thickness provides the proper balance between mechanical strength and thermal shock resistance. For convenience, these flasks are graduated to show approximate capacity and include marking spot.

ltem No.	Capacity mL	Interval grad. mL	Division mL	Approx. widest diam. mm	Approx. height mm	GPI thread finish	Qty	Qty Break	Your Cost
2071-01	250	50-100	25	81	135	38-430	each	1-5	38.38
								Multiples of 6	24.35
2071-05	500	100-500	50	102	186	38-430	each	1-5	38.88
								Multiples of 6	24.67
2071-08	1000	250-1000	50	128	215	38-430	each	1-5	44.09
								Multiples of 6	29.54
2071-14	2000	600-2000	200	161	273	38-430	each	1	89.72
								Multiples of 2	56.95

Erlenmeyer Flask with Screw Cap, Borosilicate Glass (United Scientific)

Recommended for culturing, mixing and storing applications. Borosilicate glass flasks are designed to give the best combination of thermal shock resistance and physical strength. Feature heavy-duty rims and graduations in durable white enamel. Blue caps with liner are autoclavable.

ltem No.	Mfr Item No.	Capacity (ml)	Approx. O.D. x Height (mm)	Qty	Qty Break	Your Cost	Qty Break	Your Cost
2071-15	FG5021-100	100	64 x 110	pack/6	1-3	81.73	4+	53.63
2071-16	FG5021-150	150	72 x 125	pack/6	1-3	62.66	4+	55.30
2071-17	FG5021-250	250	85 x 145	pack/6	1-3	122.11	4+	80.10
2071-18	FG5021-500	500	104 x 180	pack/6	1-3	135.66	4+	88.99
2071-19	FG5021-1000	1000	131 x 225	each	1-3	41.29	4+	27.09





3015-01

Glass PYREX® Erlenmeyer Flasks (Corning)

These PYREX® Erlenmeyer flasks are designed with heavy duty rims to reduce chipping. Their uniform wall thickness provides the proper balance between mechanical strength and thermal shock resistance. Approximate graduations are in durable white enamel. An extra large marking space is also provided.

Item No.	Capacity ml	Interval Graduated ml	Subdivision ml	Stopper No.	Qty	Qty Break	Your Cost	Qty Break	Your Cost
2058-01	125	50 - 125	25	5	each	1-11	20.11	Multiples of 12	5.51
2059-01	250	50 - 200	25	6	each	1-11	8.05	Multiples of 12	5.11
2060-01	500	100 - 500	50	7	each	1-5	12.12	Multiples of 6	7.70
2063-01	1000	250 - 1000	50	9	each	1-5	16.34	Multiples of 6	10.38
2063-06	2000	600 - 1800	200		each	1-3	38.46	Multiples of 4	24.41
2063-11	4000	1000 - 4000	500		each		76.10		
2064-75	Starter Pack: O	ne each of five po	pular sizes: 50,	125, 250, 5	00 and	1,000 mL			52.16

Lead Rings (Bel-Art Scienceware)

Vikem® vinyl rings stabilize glassware.

Item No.	Mfr Item No.	Description	Weight	Fits Flasks	Your Cost
3015-01	18308-0500	C-shape	0.5 lbs (237 g)	125-500 mL	37.63
3015-02	18308-1000	C-shape	1.0 lbs (454 g)	250-1000 mL	42.69
3015-03	18308-2000	C-shape	1.5 lbs (681 g)	500-2000 mL	48.94
3016-80	18307-0005	ring shape	0.5 lbs (237 g)	125-500 mL	30.44
3016-83	18307-0010	ring shape	1.0 lbs (454 g)	250-1000 mL	36.69
3016-86	18307-0015	ring shape	1.5 lbs (681 g)	500-2000 mL	41.93

ACCESSORIES: FOR LABWARE



Flask Brush see page 173. Stoppers see website.

Volumetric Liquid Measuring Flasks 💦



Widely used to precisely measure filling accuracy of liquids

Made in strict accordance with NBS Handbook 133, Third Edition: Checking the Net Contents of Packaged Goods, chapter 3.1. <u>Test procedure for Liquid Volume Determinations</u>. All flasks are calibrated "to deliver" except with a "C" suffix, which are calibrated "to contain". Flask is standardized to 4° C (40° F).

Item No.	Size	Graduated Range	Graduation Minimum	Your Cost
2040-08	1/2 Pint	8 fl. dram	1 fl. dram	303.68
2040-11	11 oz.	8 fl. dram	1 fl. dram	366.34
2040-12	12 oz.	8 fl. dram	1 fl. dram	335.28
2040-14	14 oz.	8 fl. dram	1 fl. dram	392.85
2040-14C	14 oz.	8 fl. dram	1 fl. dram	398.54
2040-16	Pint	8 fl. dram	1 fl. dram	355.97
2040-32	Quart	8 fl. dram	1 fl. dram	543.94
2040-52	52 oz.	8 fl. dram	1 fl. dram	684.68
2040-59	59 oz.	8 fl. dram	1 fl. dram	766.84
2040-64	1/2 Gallon	8 fl. dram	1 fl. dram	765.83
2040-96	96 oz.	8 fl. dram	1 fl. dram	908.87
2040-128	Gallon	8 fl. dram	1 fl. dram	945.92



Graduated Cylinders, Economy

Polypropylene. One piece construction with molded graduations. Accuracy meets Federal Specifications NNN-C-940. Autoclavable.

Item No.	Capacity mL	Subdivision mL	Qty	Qty Break	Your Cost	Qty Break	Your Cost
2078-76	50	1	each	1-11	8.83	Multiples of 12	7.89
2078-80	100	1	each	1-11	13.61	Multiples of 12	12.17
2078-84	250	2	each	1-11	13.57	Multiples of 12	11.93
2078-88	500	5	each	1-5	17.93	Multiples of 6	15.75
2078-92	1000	10	each	1-5	25.32	Multiples of 6	22.25

Graduated Cylinders (Nalgene 3662)

Translucent and autoclavable polypropylene with black, easy to read molded-in graduations. Excellent accuracy meets ASTM Class B and ISO Standard 6706 requirements. Broad hexagonal base resists tipping. Shatterproof.

Item No.	Capacity mL	Subdivision mL	Tolerance± mL	Qty	Qty Break	Your Cost	Qty Break	Your Cost
2078-36	50	1	±.05	each	1-17	38.27	Multi. of 18	28.19
2078-40	100	1	± 1.0	each	1-11	38.73	Multi. of 12	28.29
2078-44	250	2	± 2.0	each	1-11	54.59	Multi. of 12	39.97
2078-48	500	5	± 4.0	each	1-7	93.23	Multi. of 8	55.13
2078-52	1000	10	± 6.0	each	1-5	114.61	Multi. of 6	72.24

Scienceware[®] Hold Fast[™] Graduated Cylinder (Bel-Art Scienceware 28461)

Polypropylene with secure handle makes pouring from a tall cylinder more convenient. Double scale with octagonal base. Steam autoclavable at 250°F. (121°C.).

Item No.	Qty	Your Cost
2078-11	1000 mL	30.57
2078-15	2000 mL	59.44







800-328-8378

ACCESSORIES: FOR LABWARE

Dilution Bottle Volumetric Flask see page 44.





2068-01

2077-67



Volumetric Graduated Cylinders, Class A (Kimble 20026)

Serialized and supplied with a Certificate of Graduation Accuracy. Single metric scale. The 10 mL size has an enlarged funnel shaped top for ease of filling. Kimax[®] glass.

Item No.	Capacity	Graduations	Subdivision	Tolerance	Your Cost
2068-01	10 mL	1 - 10 mL	0.1 mL	±0.10 mL	105.94
2068-07	100 mL	10 - 100 mL	1 mL	±0.40 mL	140.22

Volumetric Graduated Cylinders, Class A (United Scientific) Class A glassware at a phenomenal price

ASTM E-1272 "Batch Certified"

· Certificate of Conformity with results of the analysis Borosilicate glass

- Hexagonal Base
 - Bumper guard included

Item No.	Capacity	Graduations	Qty Break	Your Cost	Qty Break	Your Cost
2077-60	10 mL	0.2 mL	1-2	14.29	3+	10.54
2077-61	25 mL	0.5 mL	1-2	20.14	3+	14.87
2077-62	50 mL	1.0 mL	1-2	21.75	3+	16.05
2077-63	100 mL	1.0 mL	1-2	24.48	3+	18.07
2077-64	250 mL	2.0 mL	1	33.73	2+	24.88
2077-65	500 mL	5.0 mL	1	62.79	2+	46.33
2077-66	1000 mL	10.0 mL	1-2	110.33	3+	81.42
2077-67	2000 mL	20.0 mL	1-2	168.25	3+	124.16

Economy Grade Glass Graduated Cylinders (Kimble)

To deliver, single metric scale. Accurately calibrated for many general laboratory procedures. Durable white scales. Superb value.

						Your		Your
Item No.	Capacity mL	Subdivision	Approx. height	Qty	Qty Break	Cost	Qty Break	Cost
2069-01	25 mL	5/10 mL	140 mm	each	1-3	24.79	Multi. of 4	16.27
2069-04	100 mL	1 mL	255 mm	each	1-3	27.51	Multi. of 4	18.03
2069-07	250 mL	2 mL	330 mm	each	1	47.01	Multi. of 2	30.83
2069-09	1000 mL	10 mL	460 mm	each		58.35		

Glass Graduated Cylinders (Kimble 20024)

Accurately calibrated to deliver (TD), single metric scale. Safe-Gard bumpers with sizes 25 through 2000 mL. Durable white ceramic enamel scale. Meets ASTM Specification E1272, Style 1, Class B requirements.

Item No.	Capacity	Subdivision	Approx. height	Qty	Your Cost
2069-11	10 mL	0.2 mL	135 mm	pack/4	67.11
2069-15	25 mL	0.5 mL	140 mm	pack/4	92.59
2069-19	50 mL	1 mL	190 mm	pack/4	91.37
2069-23	100 mL	1 mL	255 mm	pack/4	109.42
2069-27	250 mL	2 mL	330 mm	pack/2	78.93
2069-31	500 mL	5 mL	375 mm	each	60.62
2069-35	1000 mL	10 mL	460 mm	each	78.22
2069-75	Starter Pack: 10, 25, 50,	100 and 250 mL			154.66



Broken Glass Disposal Box (Dynalon Labware)

A disposable, highly visible receptacle that helps reduce injuries by providing a safe laboratory work area. Made of sturdy corrugated cardboard, the receptacle is supplied with a 2 mil thick polyethylene bag to contain broken glass fragments and spilled liquids. A pair of tabs keep the liner from slipping out of place. When box is full, the safety cap is pulled into place and the entire unit is ready for disposal. Floor size glass disposal box now has integral handles; safer in use and disposal! Ships flat, assembles in seconds. 12" X 12" X 27". Case of 6.



Cover for Glass Disposal Carton

Opens with a single touch. Reusable, dishwasher and autoclave safe. Requires no batteries for operation. Fits on box **4334-30**.

Your Cost It	tem No.	Mfr Item No.	Your Cost
98.35 4	334-31	13204-0001	32.97



ACCESSORIES: FOR LABWARE



Item No. 4334-30

Cylinder Brush see page 173.

PLASTIC CULTURE TUBES

Disposable Sterile Polystyrene Culture Tubes 🕥

Made of polystyrene for clarity. Precision molded and heavy wall thickness for durability. Round bottoms for easy sample removal.

Item No.	Size, mm / in. (approx.)	Volume mL (approx.)	Cap style	Qty	Qty Break	Your Cost
3013-61	12 X 75 / ½ X 3	5	Snap	1000, 40 bags of 25	1 2+	114.83 97.61
3013-48	13 X 100 / ½ X 4	8	Screw	500, 20 bags of 25	1 2+	301.20 210.67
3013-69	17 X 100 / .7 X 4	14	Snap	1000, 40 bags of 25	1 2+	200.12 170.12
3013-76	16 X 120 / .6 X 5	15	Screw	750, 5 packs of 150		382.36
3013-65	16 X 125 / .6 X 5	19	Screw	500, 20 bags of 25	1 2+	282.11 197.32



Sterile Centrifuge Tubes

Conical 15mL and 50mL centrifuge tubes are made of premium polypropylene for clarity and centrifugal strength. They are supplied sterile, and although they are autoclavable, their polyethylene screw caps are not. Caps have a flat top surface for easy marking and labeling.

Item No.	Capacity	Size, mm	Packaging	Qty	Qty Break	Your Cost
3013-81	15mL	17 X 118	50 tubes per sterile rack 10 racks per case	Case/500	1	75.43
3013-82	15mL	17 X 118	20 tubes per sterile rack 25 racks per case	Case/500	1 2+	89.44 86.00
3013-91	50mL	29 X 115	25 tubes per sterile rack 12 racks per case	Case/300	1 2+	98.85 92.26
3013-92	50mL	29 X 115	20 tubes per sterile rack 25 racks per case	Case/500	1	152.48



Centrifuge Tubes 🕎

Conical 15mL and 50mL centrifuge tubes are made of premium polypropylene for clarity and centrifugal strength. They are supplied sterile, and although they are autoclavable, their polyethylene screw caps are not. Tubes and caps may be frozen at temperatures as low as -45°C. The maximum centrifugal force is 12,000g for the 15mL tubes and 15,000g for the 50mL tubes. Caps have a flat top surface for easy marking and labeling. Cap colors are available in blue or assorted.

ltem No.	Mfr. Item No.	Description	Capacity	Size, mm	Packaging	Qty	Qty Break	Your Cost
3014-01	C2600	Blue Caps	15mL	17 X 118	50 sterile foam rack, 10 racks	Case/500	1	132.19
					per case		2+	115.20
3014-09	C2601	Blue Caps	15mL	17 X 118	50 sterile bag, 10 bags per	Case/500	1	127.90
					case		2+	111.87
3014-06	C2715	Multi-colored	15mL	17 X 118	50 sterile foam rack, 10 racks	Case/500	1	151.25
		Caps			per case		2+	131.63
3014-13	C2716	Multi-colored	15mL	17 X 118	25 tubes of each color per	Case/500	1	141.41
		Caps			bag, 4 bags of each color per pack, 20 bags per case		2+	123.30
3014-11	C2602	Blue Caps	50mL	29 X 115	25 sterile foam rack, 20 racks	Case/500	1	168.50
					per case		2+	145.79
3014-02	C2603	Blue Caps	50mL	29 X 115	25 sterile bag, 20 bags per	Case/500	1	145.20
					case		2+	125.06
3014-07	C2750	Multi-colored	50mL	29 X 115	25 sterile foam rack, 20 racks	Case/500	1	185.54
		Caps			per case		2+	160.20
3014-14	C2751	Multi-colored	50mL	29 X 115	25 tubes of each color per	Case/500	1	179.52
		Caps			bag, 4 bags of each color per pack, 20 bags per case		2+	155.79
3014-03	R1070	Rack for 30x				Pack/5		41.76
		15mL tubes						





800-328-8378

ACCESSORIES: FOR CENTRIFUGE AND CULTURE TUBES

LABWARE



Centrifuges see page 19. Various Racks see pages 75 - 76.

GLASS CULTURE TUBES

Labware

Glass Test Tubes for Laboratory Pasteurized Counts in Milk

Borosilicate glass tubes, used with tight-sealed screw caps, are suitable for Laboratory Pasteurized Counts (LPC). These tubes can be fully immersed in a water bath and will not leak. Use to test for thermoduric bacteria, a type of microorganism that survives pasteurization but does not grow at pasteurization temperatures. The presence of high numbers of thermoduric bacteria in raw milk usually indicates poorly cleaned and sanitized udders, utensils and milking equipment. Thermoduric organisms can contribute to high Standard Plate Counts (SPC) in pasteurized milk and milk products. The LPC is performed by heating the sample to 62.8° C (145° F) for 30 minutes, followed by a SPC. LPC counts should be less than 250/mL.

ltem No.	Description	Approx. O.D. Length	Approx. GPI Capacity	Thread Finish	Qty	Your Cost
3014-82	Round bottom, reusable, with rubber lined caps (unattached), marking spot	20 x 125 mm	25 mL	18-415	pack/48	183.48
3014-64	Phenolic caps with rubber liners, autoclavable			18-415	case/1000	188.68

Disposable Culture Tubes

Borosilicate glass. Packed in a convenient tray for ease of use. Plain neck finish.

Item No.	Approx. O.D.	Approx. Length	Approx. Overflow Capacity	Approx. Inner Pack Qty	Qty	Your Cost
Durham Tubes	0.0.	Length	cupucity	miler i dek Qty		COST
3014-05	6 mm	50 mm	1 mL	500	case/1000	86.02
Large Durham Tubes						
3014-08	10 mm	75 mm	4 mL	250	case/1000	43.47
3014-30	12 mm	75 mm	6 mL	250	case/1000	49.34
3014-10	13 mm	100 mm	10 mL	250	case/1000	62.58
3014-12	16 mm	100 mm	14 mL	250	case/1000	101.67
3014-15	16 mm	125 mm	19 mL	250	case/1000	116.66
3014-20	16 mm	150 mm	23 mL	250	case/1000	129.95
3014-23	18 mm	150 mm	29 mL	125	case/500	118.04
3014-25	20 mm	150 mm	36 mL	250	case/500	169.77



Disposable Culture Tubes, Screw Neck Finish (Kimble 73750)

Borosilicate glass. Screw caps must be ordered separately.

ltem No.	Approx. O.D. mm	Approx. Length mm	Overflow Capacity mL	Approx. GPI Thread Finish	Inner Pack Qty	Case Qty	Your Cost
3014-48	13	100	8	13-415	500	1000	276.18
3014-50	16	150	20	15-415	250	1000	377.00
3014-54	20	150	30	18-415	250	500	285.18



Disposable Screw Caps

(Kimble 73800) Autoclavable phenolic cap with cemented-in rubber liner. 1000 per case.

ltem No.	GPI Thread Finish	Your Cost
3014-58	13-415	144.07
3014-60	15-415	147.23
3014-64	18-415	188.68



Disposable Caps

12 mm flange caps. Fits 13 X 100 mm plain neck culture tubes. Ideal for use with Charm[®] machines. Airtight, leakproof polyethylene. 1000 per case. White caps.

Item No.	Your Cost
3014-36	21.72



Disposable Closures

Compare to KIM-KAP. Caps for plain neck tubes. Autoclavable polypropylene.

Item No.	Fits Tubes Dia.	Qty	Your Cost
3014-40	13 mm	case/1000	101.98
3014-42	16 mm	case/1000	98.28
3014-44	18 mm	case/1000	123.17
3014-46	20 mm	case/500	96.17



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LABWARE

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ACCESSORIES: FOR LABWARE



Cryoscope Tubes see page 61. Test Tube Clamps see page 87. Test Tube Brush see page 173.

Screwcap Microcentrifuge Tubes

These disposable 2mL screwcap microtubes are sterile. The sterile tubes include a cap with nitrile o-ring.

- Tube and Cap: Polypropylene
- O-Ring: Nitrile
- Centrifuge Maximum RCF: 18,000 RCF

Item No.	Mfr Item No.	Description	Qty	Your Cost
3189-22	111730	2mL screwcap microtubes	pack/500	107.96

SureSeal Microcentrifuge Tubes

Microcentrifuge tubes are made of premium polypropylene plastic allowing for a crystal clear tube and centrifugal strength. They feature a secure-snap cap that ensures a strong seal and eliminates leakage and evaporation.



Capable of withstanding boiling temperatures up to 121°C and freezing down to -80°C. Microcentrifuge tubes are RNase, DNase & Pyrogen free.

ltem No.	Mfr Item No.	Capacity	Qty	Qty Break	Your Cost
3014-04	C2000	1.5 mL	pack/500	1-9	17.65
				10+	14.68



PCR Reaction Tube Strips (Simport)

PCR Reaction Tube Strips are made of polypropylene with individually attached caps. The strip includes 8 integral 0.2 ml tubes with ultra-thin sidewalls and bottoms for more uniform and efficient temperature transfer. Can be easily opened and closed with one hand, their positive sealing will fully protect the contents from evaporation during the whole thermal cycle. The cap has an integral seal preventing contamination with surface of lid. While more easily handled than single tubes, the strip will precisely fit standard well spacing and can also be used with 8-channel hand-held pipettors. Packed in tamperproof resealable bags.

ltem No.	Mfr Item No.	Capacity	Qty	Your Cost
3189-10	T320-2N	0.2 mL	case/125	96.20

MICRO TUBES



Plastic Test Tube Racks, Wet/Dry (United Scientific)

Economical yet very durable racks that are submersible, autoclavable, and stackable when empty. Made from a special blend of polypropylene (PP) that makes them sink in a water bath and maintain their stability, even in agitated water. The top tier features an alphanumeric grid reference. Available in white.

ltem No.	Mfr. Item No.	Tube Size	Qty Break	Your Cost
3014-71	77901	13mm / 90 places	1-5	19.71
		·	6+	13.47
3014-72	77902	16mm / 60 places	1-5	19.71
			6+	13.47
3014-73	77903	20mm / 40 places	1-5	19.71
			6+	13.47
3014-75	77904	25mm / 24 places	1-5	19.71
			6+	13.47
3014-76	77905	30mm / 21 places	1-5	19.71
			6+	13.47



Microtube Racks 80-Well (Heathrow Scientific)

Popular fraction-collector-plate style rack

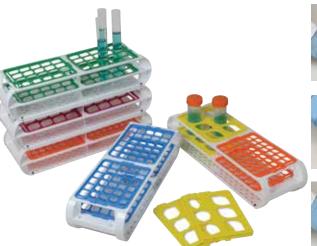
- Made of polypropylene
- Easily fill and transfer 80 tubes in compact arrangement
- Compact arrangement (5 x 16 array)
- Molded-in coordinates to aid organization
- Autoclavable

Itom No Mfritom No	Oth	Vour Cost
Color:	Natural	
Size L x W x H:	22.5 x 6.7 x 2.8 cm	
Well Diameter:	11 mm	
Tube Size:	1.5/2.0	

Item No. N	Afr Item No.	Qty	Your Cost
3014-24 ⊦	1S29025A	Pack of 5	20.55

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1. Release the spring latch

2. Lift out the grid

3. Insert

grid

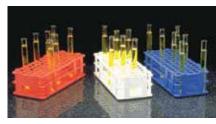
alternate size

It's that easy!

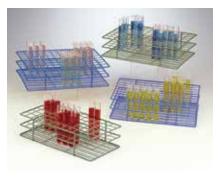
Switch-Grid Test Tube Racks (Bel-Art Scienceware)

- More compact and less expensive than purchasing multiple racks
- Three tier rack holds tubes securely in place
- Rubber feet keep racks from sliding on benchtop, provide secure stacking while in storage
- Chemical resistant polyoxymethylene plastic rack frame and grids can be cleaned with mild detergent, autoclaved at 121°C (250°F)

Item No.	Description	Mfr Item No.	Holds Tubes	Full Rack Capacity	Qty	Qty Break	Your Cost
3195-24	Rack with Orange Grids	F18745-0010	10-13 mm	84 (14 x 6)	each	1-2	22.73
						3+	21.37
3195-25	Rack with Blue Grids	F18745-0011	13-16 mm	60 (12 x 5)	each	1-2	22.86
						3+	21.40
3195-26	Rack with Green Grids	F18745-0012	16-20 mm	40 (10 x 4)	each		24.34
3195-27	Rack with Fuchsia Grids	F18745-0013	20-25 mm	24 (8 x 3)	each	1-2	23.20
						3+	21.80
3195-28	Rack with Yellow Grids	F18745-0014	25-30 mm	12 (6 x 2)	each	1-2	22.74
						3+	21.37
3195-29	Set of Grids, Orange	F18745-1300	10-13 mm		pack/4		6.30
3195-30	Set of Grids, Blue	F18745-1600	13-16 mm		pack/4		6.30
3195-31	Set of Grids, Green	F18745-2000	16-20 mm		pack/4		6.30
3195-32	Set of Grids, Fuchsia	F18745-2500	20-25 mm		pack/4		6.30
3195-33	Set of Grids, Yellow	F18745-3000	25-30 mm		pack/4		6.04



3014-84, 93, 87



NoWire™ Culture Tube Racks (Bel-Art Scienceware F1874 range)

Autoclavable and submersible polypropylene. Stackable, color-coded. All racks are 9.7" X 4.1" X 2.5" high (246 X 104 X 64 mm). Shipped flat and assembles very easily. Available individually.

Item No.			Fits Tubes			Your
Red	Blue	White	Diameter	Places	Rows	Cost
3014-83	3014-86	3014-90	13 mm	90	6 X 15	23.48
3014-84	3014-87	3014-93	16 mm	60	5 X 12	22.67
3014-85	3014-88	3014-96	20 mm	40	4 X 10	23.83

Poxygrid® Wire Test Tube Racks (Bel-Art Scienceware 18750/764)

Epoxy coating is resistant to organic solvents, salts, weak acids and weak alkalis. Available colors help identify use or contents. Temperature range of -223°C (-369°F) to autoclaving at 121°C (250° F). Racks come with square holes, with three decks, a slotted grid bottom and reinforced edges for extra strength.

ltem No.	Holds Tubes	Places	Rows	Color	Length X Width X Height	Your Cost
3195-10	10-13 mm	72	6 X 12	Green	205 X 113 X 64mm (8 1/16 X 4 7/16 X 2 1/2")	46.97
3195-12	10-13 mm	72	6 X 12	Blue	205 X 113 X 64mm (8 1/16 X 4 7/16 X 2 1/2")	45.35
3195-15	15-16 mm	72	6 X 12	Blue	242 X 130 X 64mm (9 1/2 X 5 1/8 X 2 1/2")	41.78
3195-17	15-16 mm	72	6 X 12	Green	242 X 130 X 64mm (9 1/2 X 5 1/8 X 2 1/2")	43.11
3195-20	18-20 mm	80	8 X 10	Blue	243 X 203 X 83mm (9 9/16 X 8 X 3 1/4")	49.54
3195-22	18-20 mm	80	8 X 10	Green	243 X 203 X 83mm (9 9/16 X 8 X 3 1/4")	49.54

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SHIPS ON ICE

Graduated Beakers, Griffin (Nalgene 1201)

Polypropylene, translucent and autoclavable beakers are virtually unbreakable. Silk-screened graduations. Excellently designed for general laboratory use.

ltem No.	Capacity mL	Subdivision mL	Qty	Your Cost
2077-06	50	10	pack/12	65.32
2077-10	100	10	pack/12	89.48
2077-14	250	25	pack/6	80.64
2077-18	600	100	pack/4	100.18
2077-22	1000	100	pack/3	88.52

Glass PYREX® Beakers (Corning 1000)

Griffin low form, double scale graduated beaker, with spout, manufactured with uniform wall thickness, offers optimum balance between thermal shock resistance and mechanical strength. For convenience, the 250 through 2000 mL beakers have a double graduated metric scale to indicate approximate content. All sizes have an extra-large marking spot.

ltem No.	Capacity mL	Interval Graduated mL	Subdivision mL	Qty	Qty Break	Your Cost
2050-00	50	10 - 40	10	pack/12		48.24
2052-00	100	20 - 80	10	pack/12		52.48
2055-00	250	25 - 200	25	pack/12		48.04
2056-01	600	50 - 500	50	each	1-5	9.55
					Multiples of 6	6.06
2057-01	1000	50 - 1000	50	each	1-5	18.00
					Multiples of 6	11.42
2057-06	2000	200-1800	100	each	1-3	35.70
					Multiples of 4	22.65





Disposable Tri-Pour Graduated Beakers

Polypropylene plastic - tough, durable, nonbreakable, unaffected by most commonly used acids, alkalis, and solvents. Single-use and costeffective - designed for true disposability. Ideal for messy or toxic samples.



Autoclavable - can withstand temperatures up to 121°C and may be used as sterility vessels. Tri-Pour Beakers have easy-to-read graduations that are accurate $\pm 5\%$. They are packaged nested in sleeves to save storage space.

ltem No.	Size mL	Grad. mL / oz.	Qty	Qty Break	Your Cost
2079-46	50	5/0.5	case/100	1-4	25.25
				5+	19.22
2079-48	100	10 / 0.5	case/100	1-4	29.24
				5+	22.27
2079-50	250	10 / 1.0	case/100	1-4	42.84
				5+	32.62
2079-52	400	20/1.0	case/100	1-4	60.03
				5+	45.70
2079-54	800	50 / 2.0	case/100	1-4	85.24
				5+	64.90
2079-56	1000	50 / 2.0	case/100	1-4	107.16
				5+	81.60



Disposable Micro Beakers

Polystyrene. Super economical general purpose sample containers. Withstands temperatures to 200°F/93°C. Offers excellent chemical resistance to dilute or weak acids, aqueous solutions, alcohols and bases. Four-way pour spouts.

ltem No.	Size	Qty	Qty Break	Your Cost
2079-30	5 mL	case/1000	1-2	45.89
2079-35	10 mL	case/1000	1-2	54.48
2079-40	20 mL	case/500	1-2	55.04
2079-45	50 mL	case/500	1-2	70.06
			3+	60.89



WEBER SCIENTIFIC

Large Capacity Labware Drain Rack

Can be used standing up, lying down or mounted on a wall. Holds 90 pieces of labware on vinyl coated wire pins: 72 pins by 3" long and 18 pins by 5" long. With galvanized metal drainpan. 18 1/2" wide X 7 1/8" deep X 19" high.

	Your
Item No.	Cost
3311-28	226.76



Poxygrid[®] Labware Drain Stand (Bel-Art Scienceware 18805)

Three rows of hairpin-loop supports (14 in all) hold labware with 18mm I.D. necks or larger. With polystyrene drip tray. May also be wall mounted. 16 3/4" X 6 1/2" X 19" (43 X 17 X 48 cm). Shipping weight 4 1/2 lbs. (2 kg).

Item No.	Your Cost
3311-10	116.67



Drying-Draining Rack (United Scientific Supplies)

The plastic draining rack provides an excellent option for the post-wash draining of tubes and bottles. The back plate has 20 pegs to hold your tubes/bottles and a rack featuring a wastewater tray and drain. 20" H X 14" W X 3" D (508 x 356 x . 76 mm)

Item No.	Your Cost
3311-30	157.08

SEALING MATERIAL

Super Polyfoil[™] Autoclaving

Wrap (Bel-Art Scienceware)

Polyester backed foil provides a chemically inert barrier to cover vessels for autoclaving, incubating or storage. Resistant to punctures, tears and corrosion. Super Polyfoil[™] is great for clinical, research and industrial uses. A thermoplastic layer is laminated to 1mil foil, which folds easily and flattens without kinking. The polyester film blocks any possible pinholes, resists organic solvents and caustic agents and complies with FDA regulations governing direct food contact application. 100 sheets per pack.

102 x 102mm (4" x 4")

Designed to offer superior protection from the

blade while in use. Safety is especially impor-

tant on this model, as it features a super sharp

blade for easy cutting. The sturdy transparent acrylic housing allows monitoring of the film supply. Holds one or two 2" rolls or one 4" roll.

130 x 130mm (5 1/8" x 5 1/8")



Cost

38.79

50.53

Aluminum Foil Squares

Interleaved with paper for easy separation. Use for weighing samples, capping labware for storage, autoclaving and many other uses.



ltem No.	Size inches/mm	Thickness inches/mm	Qty	Your Cost
3068-90	4 X 4 / 102	1 mil 0.001 / 0.025	case/500	42.45
3068-91	6 X 6 / 152	1 mil 0.001 / 0.025	case/500	90.08
3068-92	8 X 8 / 203	1.5 mil 0.0015 / 0.04	case/500	155.66
3068-93	12 X 12 / 305	1.5 mil 0.0015 / 0.04	case/500	332.89

Parafilm[®] Sealing Film

Flexible, self-sealing sheet material commonly used to seal flasks, tubes, petri dishes, etc. Translucent, odorless, tasteless and with good chemical resistance. At 70°F it can be stretched 200% and will return partially to its original length. At 180 to 200°F it softens sufficiently to make an adhesive bond between papers, cloths, etc. Supplied in dispenser carton.



Item No.	Size	Your Cost
3068-58	2″ x 250′	37.98
3068-59	4″ x 125′	36.31
3068-60	4″ x 250′	58.23

LABWARE

Item

3068-70

No.

Item

No.

3068-85

3068-86

Size

Parafilm® Dispenser

Your

Cost

112.88

WEBER EXCLUSIVE

FIRST CASE UPGRADE

HAZARDOUS MATERIALS

💥 SHIPS ON ICE

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details

Graduated Measures (Polar Ware)

Calibrated in oz. and mL with easy to grip handles and large, smooth pouring spouts. Highly non-corrosive stainless steel can be safely heated, has a smooth finish for easy cleaning. Medium gauge (20-24 gauge) 304 stainless steel.

ltem No.	Capacity oz./cc	Graduation interval oz./mL	Size dia. x height (in./mm)	Qty Break	Your Cost	Qty Break	Your Cost
2051-20	16/473	2 / 50	3 3/4 x 4 5/8 / 95 x 117	1-2	66.12	3+	61.59
2051-21	32 / 946	2 / 100	4 3/4 x 5 1/4 / 121 x 133	1-2	85.80	3+	79.94
2051-22	64/1892	4 / 100	5 1/2 x 6 1/2 / 140 x 165	1-2	107.48	3+	100.12

Griffin Style Beakers with Handle (Polar Ware)

Stainless Steel. Without graduation. Highly non-corrosive stainless steel can be safely heated, has a smooth finish for easy cleaning. Medium gauge (20-24 gauge) 304 stainless steel.

ltem No.	Capacity mL	Size dia. x height (in./mm)	Qty Break	Your Cost	Qty Break	Your Cost
2051-25	2000	5 1/16 x 6 5/8 (129 x 168)	1-2	106.91	3+	99.59
2051-26	3000	6 1/16 x 7 (154 x 178)	1-2	112.08	3+	104.41
2051-27	4000	6 1/8 x 8 7/8 (174 x 225)	1-2	138.84	3+	129.34

Solution Pails (Polar Ware)

Tapered for easy pouring. "Ears" for handles are an integral part of pail, resisting breakoff and allowing for thorough cleaning. Highly non-corrosive stainless steel can be safely heated, has a smooth finish for easy cleaning. Medium gauge (20-24 gauge) 304 stainless steel. Lids available as a special order.

Item No.	Capacity Quart	Size dia. x height (in./mm)	Qty Break	Your Cost	Qty Break	Your Cost
2051-40	13	11 5/8 x 9 1/4 / 295 x 235	1-2	123.09	3+	114.66
2051-41	16	11 3/4 x 10 1/8 / 298 x 257	1-2	155.87	3+	145.19

Storage Containers (Polar Ware)

No pour spout with optional cover. Highly non-corrosive stainless steel can be safely heated, has a smooth finish for easy cleaning. Medium gauge (20-24 gauge) 304 stainless steel.

ltem No.	Description	Capacity Quart	Size dia. x height (in./mm)	Qty Break	Your Cost	Qty Break	Your Cost
2051-03	Container	1 1/4	4 9/16 in x 5 3/4 in	1-2	33.94	3+	31.62
2051-04	Cover			1-2	26.83	3+	25.01
2051-09	Container	3 3/16	6 1/2 in x 7 in	1-2	46.65	3+	43.46
2051-10	Cover			1-2	30.89	3+	28.79
2051-12	Container	4 3/4	7 3/8 in x 7 7/8 in	1-2	51.90	3+	48.35
2051-13	Cover			1-2	41.37	3+	38.52



Griffin Style Beakers (Polar Ware)

Capacity full mark near top of beaker assures accurate measuring. Highly non-corrosive stainless steel can be safely heated, has a smooth finish for easy cleaning. Medium gauge (20-24 gauge) 304 stainless steel.

ltem No.	Capacity mL	Size dia. x height (in./mm)	Qty Break	Your Cost	Qty Break	Your Cost
2051-30	125	2 1/8 x 2 5/8 / 54 x 67	1-2	44.84	3+	41.75
2051-31	250	2 5/8 x 3 1/4 / 67 x 83	1-2	44.03	3+	41.01
2051-32	600	3 3/8 x 4 5/8 / 86 x 117	1-2	51.10	3+	47.59
2051-33	1200	4 1/8 x 6 1/16 / 105 x 154	1-2	63.17	3+	58.84
2051-34	2000	47/8x71/8 / 124x181	1-2	97.47	3+	90.80



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Titrette® Bottletop Buret (BrandTech)

The only bottletop buret with Class A precision

Results appear in the LCD readout, which has an adjustable sleep mode. The display can be zeroed to start a new titration without refilling the cylinder. Display volume is retained during filling and displayed during startup so titrations can be continued from a previous run. SafetyPrime[™] valve purges bubbles without wasting reagent. Unit includes the Easy Calibration[™] system for accurate user adjustment within seconds without retesting. Made of fluorinated polymers and borosilicate glass. Standard 45 mm thread and included 38 mm, 33 mm and STJ 29.42 polypropylene adapters fit most reagent bottles. Lithium battery included. One-year warranty.

Item No.	Capacity, mL	Mfr Item No.	Accuracy, μL ≤±%	Reproducibility, µL ≤±%	Resolution mL	Qty Break	Your Cost
2901-75	25	4760151	50 0.2	25 0.1	0.01	1-2	1,191.20
						3+	1,117.67
2901-80	50	4760161	100 0.2	50 0.1	0.01	1-2	1,185.39
						3+	1,112.22

Burettes, Class A, with Straight Bore PTFE Key Stopcock (United Scientific)

Class A, ASTM E287, meets USP standards, serialized and certified. Waiting time of 30 seconds. Manufactured from precision bore tubing and calibrated To Deliver (TD, Ex) on computer-controlled machines. Includes PTFE straight bore stopcock.

Mfr. Item M	lo. Capacity	Graduation Interval	Tolerance (± ml)
BR2128-10	10mL	0.05mL	0.02
BR2128-25	25mL	0.10mL	0.03
BR2128-50	50mL	0.10mL	0.05
Item No.	Mfr Item No.	Description	Your Cost
2069-80	BR2128-10	Burettes, Class A, 10m	nL 120.38
2069-82	BR2128-25	Burettes, Class A, 25m	nL 120.38
2069-84	BR2128-50	Burettes, Class A, 50m	nL 122.05

Polyethylene Buret Stand (Bel-Art Scienceware 18303)

Corrosion resistant base weighs 5 1/2 lbs. (2.5 kg) for stability and is 8" wide X 16" long X 1 3/4" thick. Rod is 1/2" X 30" long.

Your
Cost
122.04

Polyethylene Double Buret Clamp (Bel-Art Scienceware 18206)

Non-corrosive clamp holds buret firmly in place by rubber pads and concealed steel spring.

	Your
Item No.	Cost
3064-70	26.19

FUNNELS

Disposable Funnels (Globe Scientific)

These economical disposable funnels are available in either transparent polystyrene or translucent polypropylene. They are lightweight, have reinforced rims and inside fluting. They are tapered at a 60° angle.



ltem No.	Mfr Item No.	Description	Dia.	Qty	Qty Break	Your Cost
2079-81	8301	Polystyrene Funnel	55 mm	pack/100		33.89
2079-83	8302	Polystyrene Funnel	65 mm	pack/100		33.89
2079-84	8304	Polypropylene Funnel	65 mm	pack/100	1 2+	40.77 34.93



LevGo Eco-smart Funnel™

Funnels, Heavy Duty

Sturdy polypropylene funnels with ridges are ideal for general lab use or vacuum filtration.

ltem No.	Top Diameter mm/inches	Stem Length mL	Capacity mm	Qty	Your Cost
2079-57	102/4	45	180	pack /6	72.99
2079-62	152/6	80	480	pack/3	41.22

General Purpose Polypropylene Funnels

Good value for general use laboratory funnels.

ltem No.	Diameter	Description	Qty	Qty Break	Your Cost
2079-70	100mm / 4″	100mm / 4"	Pack/6	1-2	11.99
		standard stem length		3+	11.39
2079-72	150mm / 6″	150mm / 6″	Pack/6	1-2	13.03
		standard		3+	12.38
		stem length			
2079-74	85 mm / 3.3"	Short stem	Pack/12	1-2	18.07
				3+	17.17
2079-76	125 mm / 5″	Short stem	Pack/12	1-2	22.34
				3+	21.22
2079-78	65mm / 2.5″	with 8	Pack/12	1-2	14.39
		external ribs		3+	8.31

ACCESSORIES: FOR LABWARE

Stainless Steel Beakers see page 79.

Narrow Mouth Polyethylene Reagent Bottles (United Scientific)

High density polyethylene bottles are translucent, flexible, and have excellent strength. These bottles can not be autoclaved.

Item No.	Mfr Item No.	Capacity (ml)	Height (mm)	Neck Dia. I.D. (mm)	Cap Size (mm)	Qty	Qty Break	Your Cost	Qty Break	Your Cost
2075-29	33401	60	72	14	20	pack/12	1-5	12.70 6+		11.47
2075-30	33402	125	100	18	24	pack/12	1-5	27.06 6+		17.76
2075-35	33403	250	135	18	24	pack/12	1-5	32.01 6+		21.01
2075-40	33404	500	170	21	28	pack/12	1-5	43.59 6+		28.61

Wide Mouth Polypropylene Reagent Bottles (United Scientific)

Polypropylene bottles are rigid, translucent, have excellent contact clarity, and can be autoclaved.

ltem No.	Mfr Item No.	Capacity (ml)	Height (mm)	Neck Dia. I.D. (mm)	Cap Size (mm)	Qty	Qty Break	Your Cost	Qty Break	Your Cost
2075-08	33311	30	62	21	28	pack/12	1-5	6.31	6+	5.99
2075-09	33306	60	73	21	28	pack/12	1-5	27.89	6+	18.29
2075-10	33307	125	100	28	38	pack/12	1-5	13.99	6+	13.29
2075-11	33308	250	137	33	43	pack/12	1-5	21.00	6+	19.95
2075-12	33309	500	149	43	53	pack/12	1-5	25.20	6+	23.94
2075-13	33310	1000	218	53	63	pack/6	1-5	21.00	6+	19.95
2075-14	33307	125	100	28	38	case/500	1	714.26	2+	468.56
2075-15	33308	250	137	33	43	case/250	1	625.71	2+	410.47
2075-22	33309	500	149	43	53	case/125	1	459.48	2+	301.40

Narrow Mouth Polypropylene Reagent Bottles (United Scientific)

Polypropylene bottles are rigid, translucent, have excellent contact clarity, and can be autoclaved.

ltem No.	Mfr Item No.	Capacity (ml)	Height (mm)	Neck Dia. I.D. (mm)	Cap Size (mm)	Qty	Qty Break	Your Cost	Qty Break	Your Cost
2075-01	33253	15	58	14	20	pack/12	1-5	3.93	6+	3.73
2075-02	33254	30	62	14	20	pack/12	1-5	5.34	6+	5.07
2075-03	33301	60	72	14	20	pack/12	1-5	11.17	6+	10.61
2075-04	33302	125	110	18	24	pack/12	1-5	13.99	6+	13.29
2075-05	33303	250	139	18	24	pack/12	1-5	21.00	6+	7.89
2075-06	33304	500	165	21	28	pack/12	1-5	25.20	6+	23.94
2075-07	33305	1000	222	21	28	pack/6	1-5	21.00	6+	19.95
2075-18	33302	125	110	18	24	case/500	1	575.51	2+	377.53
2075-19	33303	250	139	18	24	case/250	1	317.41	2+	240.47

Bulk Packs Available, See More at weberscientific.com





Wash Bottle Carrier

(Bel-Art Scienceware)

6 place. Fits 250 or 500 mL (8 or 16 oz) bottles. Autoclavable and chemical resistant polypropylene.

ltem	Mfr Item	Your
No.	No.	Cost
2074-40	11640-0001	51.30



Utility Carrier

Perfect for Carrying Sampling Supplies Around Your Plant



Wide Mouth

Item No.	Size inches/mm	Description	Your Cost
4380-26	14 1/2 X 9 1/8 X 4"/	High density polyethylene	28.12
	368 X 232 X 102 mm		

ACCESSORIES: FOR LABWARE



BOD Bottles see page 210. Dilution Bottles see page 45.







Graduated Pitchers

(Bel-Art Scienceware 28990-92)

Shatterproof and chemical resistant polypropylene. Metric graduations are molded on outside wall. Autoclavable.

ltem No.	Capacity mL	Grad. mL	Top I.D.	Height	Your Cost
2057-20	500	10	3.2" (81mm)	5.3" (135 mm)	8.15
2057-25	1000	50	4.1" (104mm)	6.7″ (167 mm)	11.38
2057-30	2000	100	5.3" (132mm)	8.1″ (205 mm)	12.90
2057-32	5000	100	7" (178mm)	10.8″ (271 mm)	40.76
2057-34	10000	200	10.6" (269mm)	12.8″ (325mm)	98.12

5 and 10-liter sizes have a hand grip at the base to provide better control when pouring

Economy Graduated Pitchers

Autoclavable polypropylene. Raised graduations.

	Capacity mL	Grad. mL	Top I.D.	Height	Qty Break	Your Cost	Qty Break	Your Cost
2057-40	250	10	3.3" (83 mm)	3.9″ (99 mm)	1-11	2.27	12+	2.16
2057-43	500	10	3.8″ (97 mm)	5" (126 mm)	1-11	6.34	12+	3.71
2057-45	1000	10	4.5" (114 mm)	6.7" (170 mm)	1-5	6.26	6+	3.68
2057-49	2000	20	5.9″ (150 mm)	8.3" (212 mm)	1-5	9.16	6+	5.38
2057-51	5000	250	7.2″ (184 mm)	8.9 (225 mm)	1-5	40.21	6+	23.55

Media Storage Bottles (Kimble)

Popular general use bottles have permanent white enamel graduations and marking spots and are provided with a wide opening (about 30 mm ID). Polypropylene linerless cap provides a flexible secure seal and the polypropylene drip-free pouring ring also protects the rim of the bottle. All bottles, caps and pour-rings can be autoclaved repeatedly. Available in a case of 10.

ltem No.	Size mL	Grad. mL	Div. mL	Apprx. OD in/mm	Apprx. Height in/mm	Cap Color	Your Cost
2074-02	100	20-80	10	2.2/56	3.9/100	blue	109.42
2074-03	250	50-200	25	2.8/70	5.4/138	blue	121.50
2074-06	500	100-400	50	3.4/86	6.9/176	blue	145.21
2074-09	1000	100-900	50	4.0/101	8.9/225	blue	124.58

Replacement Par Item No.	ts Description	Qty	Your Cost
2074-45	blue caps	case/10	45.78
2074-46	white caps	case/10	45.91
2074-47	orange caps	case/10	58.82
2074-23	pouring rings	case/10	17.96

Wide Mouth Polyethylene Reagent Bottles (United Scientific)

High density polyethylene bottles are translucent, flexible, and have excellent strength. These bottles can not be autoclaved.

Item No.	Mfr Item No.	Capacity (ml)	Height (mm)	Neck Dia. I.D./O.D. (mm)	Cap Size (mm)	Qty	Qty Break	Your Cost	Qty Break	Your Cost
2075-55	33407	125	100	28	38	pack/12	1-5	30.76	6+	20.18
2075-60	33408	250	137	33	43	pack/12	1-5	41.45	6+	27.18
2075-65	33409	500	149	43	53	pack/12	1-5	59.23	6+	38.84

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details









BOTTLES

PITCHERS

LABWARE

82

WEBER EXCLUSIVE

SHIPS ON ICE



2075 range





4410-03,06



4410-09, 12, 15

2076-12, 15, 18, 21

Safety Labeled Wash Bottles, Wide Mouth

Informative labeling for instant recognition

These color-coded bottles ensure leak proof dispensing of your most common chemicals in the laboratory. Polypropylene closure is 53mm wide with a leakproof design. Easy to read, LDPE solvent resistant printed bottles include: Department of Transportation (DOT), National Fire Protection Association (NFPA) codes and symbols, Chemical Abstract Service (CAS) numbers, protective equipment symbols and target organ information making your workplace a safer place.

2079-08

The vented bottles, used for solvents, have a patented 2-piece venting assembly that prevents pressure build-up, eliminating drips from the spout due to internal evaporation. 500 mL (16 oz.) capacity.

ltem No.	Label	Vented	Qty	Qty Break	Your Cost
2075-75	Acetone	yes	pack/3	1-2	31.09
				3+	29.61
2075-76	Acetone	no	pack/6	1-2	43.96
				3+	41.89
2075-77	Ethanol	yes	pack/3	1-2	34.31
				3+	32.72
2075-78	Ethanol	no	pack/6	1-2	45.40
				3+	43.33
2075-80	Isopropanol	no	pack/6	1-2	43.96
				3+	41.89
2075-71	Isopropanol	yes	pack/3	1	38.95
				2+	35.95
2075-82	Methanol	yes	pack/3		31.54
2075-83	Methanol	no	pack/6		44.87
2075-84	Sodium Hypo-	no	pack/6	1-2	43.96
	chlorite (bleach)			3+	41.89
2075-85	Water	no	pack/6	1-2	54.57
				3+	51.99
2075-86	DI Water	no	pack/6	1-2	43.96
				3+	41.89
2075-81	LYOB	no	pack/6	1-2	43.96
				3+	41.89

Wash Bottles, Unitary, Red, LDPE (United Scientific)

The red color of these 500ml wash bottles provides a visual indicator that they may contain hazardous liquids. Constructed of low density polyethylene, these bottles include a built-in delivery tube.

Item No.	Mfr Item No.	Qty	Your Cost
4410-01	36606-R	pack/4	25.34

800-328-8378



Wash Bottles, Volume Labeled

Standard polyethylene with leak-proof spout. Size of bottle is printed on side. Available pack of 12.

Item No.	Capacity mL	Grad. mL	YourCost
2079-08	500	50-500	92.79

Wash Bottles, Unitary

Translucent and unbreakable low density polyethylene, with a built-in delivery tube making it a one-piece wash bottle. Available as a pack of 12.

ltem No.	Capacity	Graduated Interval	Qty Break	Your Cost
4410-03	250 mL	50 mL	1-2	53.34
			3+	37.18
4410-06	500 mL	100 mL	1-2	64.56
			3+	44.99

Economy Wash Bottles

Translucent and unbreakable low density polyethylene.

ltem No.	Capacity	Qty	Qty Break	Your Cost
4410-09	250 mL	pack/12	1-2	22.34
			3+	15.27
4410-12	500 mL	pack/6	1-2	15.26
			3+	10.43
4410-15	1000 mL	pack/6	1-2	17.16
			3+	15.26

Wash Bottles, Wide Mouth (Bel-Art Scienceware)

Color-coded to help organize your lab

Low-density polyethylene wash bottles with color-coded polypropylene closures for easy identification and wide mouths for easy filling. Five closure colors to choose from. 500 mL (16 oz.) capacity. Available pack of 6.

Item No.	Cap Color	Your Cost
2076-12	Red	35.82
2076-15	Yellow	35.82
2076-18	Blue	45.10
2076-21	Green	35.82

Wash Bottles, Wide Mouth (Bel-Art Scienceware)

Low-density polyethylene wash bottles with wide mouths for easy filling.

ltem No.	Capacity mL/oz.	Qty	Your Cost
2076-03	250/8	pack/12	57.27
2076-06	500/16	pack/6	33.91
2076-09	1000/32	pack/3	26.15

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LABWARE



LABeler[™] Lab Printer (MTC Bio)

- Lightweight, handheld operation
- Variety of label tapes for many tube sizes
 Built-in cutter

Description

• Prints a variety of barcodes

Item No.

3117-35

• "Ultra-Low" tapes for liquid nitrogen storage

Whether you're labeling cryo tubes, tissue cassettes, slides, flasks, you name it, the LABeler[™] Lab Printer has you covered. Simply type in the desired copy using the 50+ button key pad and press the print key...

LABeler[™] Lab Printer with 115V

within seconds your label can be cut by pressing the cut lever and is then ready for application.

With over 15 available sizes, colors & material combinations, the LABeler is ideal for label identification of any laboratory vessel for nearly any laboratory application. Standard label tapes can be autoclaved, boiled or even frozen to temperatures as low as -50°C. Special Ultra-Low label tapes are also available for storage in -80°C environments or for liquid nitrogen applications.

Qty Break

1

Your Cost

27.46

40.20







Tape Color



Replacement Batteries

Item No.	Description	Qty	Your Cost
3029-60	LR44/A76 button cell battery 1.5 V	1	5.50
3045-42	LR41/384/392 button cell battery1.5 V	1	6.46
3571-57	SR44/357/303 silver oxide button cell battery1.5 V	1	10.44
3039-50	Replacement NiHM battery pack	1	40.29
3039-51	CR2032 lithium ion battery 3 V	1	5.64
3039-52	Lithium battery LS 14250 - 1/2AA - 3.6 V	1	10.93
3039-53	LR54 Alkaline button cell battery 1.5 V	1	2.86
3039-54	CR2450 3V Lithium coin cell battery	1	6.67
3039-55	AAA 1.5 V batteries	pack/4	8.90
3039-56	AA 1.5 V batteries	pack/4	9.86
3039-57	9V batteries	pack/ 2	10.69

MagLab Magnetic Lab Storage Set (Heathrow Scientific)

Create lab storage space off your bench top

Easily organize common lab products off your bench top with the MagLab storage system. Each rack is made of robust ABS plastic in a bright translucent color and features four powerful magnets for a secure hold onto most metal surfaces, or create your own holding point with the metal plate provided. MagRack holds 4 50 mL tubes and 9 15 mL tubes, MagWipe holds a standard Kimwipes[®] box, MagPette holds 2 pipettes and MagBox holds miscellaneous accessories.

Item No.	Description	LxWxH	Color	Your Cost
3066-50	MagLab Series, 4/pk	20.5 x 15.4 x 4 in (52.2 x 39.3 x 10.2 mm)	Assorted	58.34
3066-52	MagWipe	5.1 x 3.5 x 3.8 in (13 x 9.1 x 9.8 mm)	Green	17.37
3066-53	MagPette	5.1 x 4.4 x 2.9 in (13.1 x 11.2 x 7.6 mm)	Purple	17.37
3066-54	MagBox	5.1 x 3 x 4 in (13 x 7.8 x 10.2 mm)	Orange	17.37

Write-On[™] Label Tape (Bel-Art Scienceware)

Adheres to any clean surface, including Teflon[®] fluoropolymer resin coated materials, and peels off without leaving a sticky residue. Pencil, ball-point pen or solvent ink marker remains legible under the most demanding laboratory conditions. The tape consists of colored Kraft paper with rubber resin adhesive that resists moisture and most solvents. The tape will withstand broad temperature and environmental extremes; from a maximum temperature of 157°C (315°F) for 30 minutes or a stream autoclaving cycle at 121°C (250°F) down to -80°C (-112°F). All rolls fit on standard 76mm (3") cores. Each roll is 40 yards long.

ltem No.	Mfr Item No.	Size	Color	Your Cost
3015-82	134830050	12.7mm (1/2")	white	16.41
3015-84	134830075	19.0mm (3/4″)	white	17.75
3015-86	134830100	25.4mm (1")	white	21.61
3117-10	134840050	12.7mm (1/2″)	red	15.74
3117-12	134840075	19.0mm (3/4″)	red	17.74
3117-14	134840100	25.4mm (1")	red	23.13
3117-16	134850050	12.7mm (1/2″)	yellow	17.75
3117-18	134850075	19.0mm (3/4″)	yellow	17.74
3117-20	134850100	25.4mm (1")	yellow	21.61
3117-22	134860050	12.7mm (1/2")	green	15.74
3117-24	134860075	19.0mm (3/4″)	green	17.74
3117-26	134860100	25.4mm (1")	green	21.63
3117-28	134870050	12.7mm (1/2")	blue	15.74
3117-30	134870075	19.0mm (3/4″)	blue	17.74
3117-32	134870100	25.4mm (1")	blue	21.63



Label Tape Color Assortment Pack

Paper tape that adheres to any clean surface, and peels off without leaving a sticky residue. Pencil, ball-point pen or solvent ink marker remains legible on label tape under the most demanding laboratory conditions in refrigerators, freezers, autoclaves, incubators, water baths, and oil baths.

Removable-adhesive label tape comes in a wide color assortment making color-coding easy. Fits into a standard scotch tape dispenser or use a Label Tape Dispenser that holds all your colored label tapes within easy reach on your lab bench. These color assortment packs include white, yellow, green, pink, red, orange and blue tape.

ltem No.	Size	Unit of Measure	Your Cost
NEVDAI-T14-27-C	1/2" x 500"	Case of 24	51.20
NEVDAI-T24-27-C	3/4" x 500"	Case of 16	46.07
NEVDAI-T34-27-C	1″ x 500″	Case of 12	46.07

Write-On[™] Label Tape Dispenser (Bel-Art Scienceware)

Two models are available:

The **Benchtop model** has a plastic coated, weighted steel base with rubber feet to prevent slipping on the benchtop when pulling the labeling tape. The serrated cutting edge is steel for long term use. Includes one free roll of 1/2", white tape.

The **Economy model** is designed for lighter duty use as the plastic cutting edge is molded into the housing. There are a series of mounting holes in the unit for secure attachment with screws (not supplied) to the benchtop. For a space saving alternative, this dispenser can also be attached to many vertical surfaces. Includes one free roll of 1/2" white tape.

ltem No.	Mfr Item No.	Description	Size	Your Cost
3117-05	F134720000	Benchtop model	302 x 143 x 121 mm H (12 x 55/8 x 43/4″ H)	142.29
3117-09	F134730000	Economy model	302 x 143 x 106 mm H (12 x 55/8 x 43/16" H)	46.03



3117-09



Super Tough Laboratory Labels (Diversified Biotech)

All-purpose Cryo-Tags[™] withstands conventional and cryogenic storage (vapor & liquid phase nitrogen storage) to -196°C. The labels will also withstand boiling water baths to 100°C and dry heat up to 150°C. Polyolefin labels adhere to all plastics, glass & metals and resist detergents, oils, solvents, caustic agents and other challenges without peeling or falling off. Available on a roll of 1000.

1.28 x .5" (33x13 mm)	32.29
1.5 x .75" (38x19 mm)	33.42
	(33x13 mm) 1.5 x .75"

3117-05

Laboratory Supplies



Sharpie® Laboratory Markers

WEBER SCIENTIFIC

Choose from retractable or capped style

Multi-purpose pen writes on virtually any surface. Durable tips won't soften or spread. Pack of 12.

Item No.	Tip Size	Tip Style	Color Ink	Qty Break	Your Cost
3015-46	ultra-fine	capped	black	1-3	16.11
				4+	14.63
5159-01	ultra-fine	retractable	black	1-3	34.69
				4+	31.38
3015-48	ultra-fine	capped	blue	1-3	18.29
				4+	16.61
5159-02	ultra-fine	retractable	blue	1-3	49.80
				4+	45.03
3015-50	ultra-fine	capped	red	1-3	18.38
				4+	16.70
5159-03	ultra-fine	retractable	red	1-3	49.80
				4+	45.03
3015-61	fine	capped	black	1-3	15.05
				4+	13.77
5159-04	fine	retractable	black	1-3	35.72
				4+	32.31
3015-63	fine	capped	blue	1-3	16.14
				4+	14.76
5159-05	fine	retractable	blue	1-3	47.28
				4+	42.76
3015-67	fine	capped	red	1-3	16.25
				4+	14.86
5159-06	fine	retractable	red	1-3	48.80
				4+	45.55

Paper Cup (Solo 44)

Useful for microwaving and many other lab procedures

- 3 oz. approx. capacity
- Compostable in a commercial compost facility (meets ASTM D6868 standard)
 Plain white
- Fiant white

Item No.	Qty	Qty Break	Your Cost
3152-00	Pack of 100	1-49	17.08
		multiples of 50	16.01



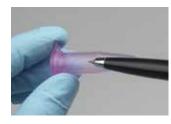
WEBER EXCLUSIVE

Sharpie[®] Industrial Strength Laboratory Markers

Ink stays permanent under most chemical washes and extreme heat or steam up to 500°F. Pk of 12.

You Cos	-	e C	Tip Size	ltem No.	
18.3	18	b	bullet	3015-70	





Diamond Point Lab Pen

Permanently etch serial numbers onto your pipettors. Retractable tip allows safe storage. Sharp diamond etches glass, ceramic, and plastic.

Item No.	Your Cost
3015-90	28.05



Engraving Tool (Bel-Art Scienceware)

Permanently engraves in seconds

Economical battery powered tool engraves most materials including glass, plastic, wood, metal and stone. Includes two tips. Uses 2 AA batteries (not included).

Item No.	Mfr Item No.	Description	Your Cost
3015-91	44150-0005	Engraving tool	31.84

Captor[™] Pen Holder (Bel-Art Scienceware 13373)

Install wherever a Sharpie[®] or other marker is needed, e.g. incubator, storeroom or freezer. Uncap and recap the pen with one hand. Easily attached to any smooth surface with the adhesive backed press-fit re-closable fastener provided, or permanently with screws. The pen cap must have a pocket clip for attach-



ment to the pen holder well. Size: 1" x 1" x 2" H (25 x 25 x 51 mm).

Item		Your
No.	Qty	Cost
3015-73	each	9.22

HAZARDOUS MATERIALS

Wax Pencils

Still a lab favorite! For writing on glass, porcelain, metal or any other slippery surface. Non-run wax is heat resistant up to 400°F. Marker is color coded to match the lead. By pulling the string, paper can be unrolled for easy "sharpening". Pack of 12.

FIRST CASE UPGRADE

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Item No.	Color	Your Cost	
3015-74	white	17.25	
3015-75	red	17.40	
3015-77	black	17.25	

SHIPS ON ICE

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details

General

Spectrophotometer Cell

Manufactured from Spectrosil guartz for accurate readings over the entire UV range to near infrared range. Due to the fully heat-fused construction (no intermediate materials or adhesives) and careful annealing to remove any

strain, there is no optical or physical distortion of the two optically polished windows. Cells fall well within the accepted pathlength standard of ± 0.01 mm. Cells exhibit a transmission tolerance within 1.5% at 200nm.

- Far UV Quartz
- Wavelength Range of 170–2700 nm
- Fully Heat-Fused Construction .
- External dimensions: 12.5W x 12.5L x 45H mm
- Internal dimensions: 10W x 10L mm

ltem No.	External dim.	Internal dim.	Path length	Sample Volume	Qty	Your Cost
2011-71	12.5W x 12.5L x 45H mm	10W x 10L mm	10 mm	3.5 mL	Each	191.88
2011-73	12.5W x 3.5L x 45H mm	10W x 1L mm	1 mm	0.35 mL	Pack/2	712.57
2011-75	12.5W x 12.5L x 45H mm	10W x 10L mm	10 mm	3.5 mL	Pack/2	823.80

Distillation Apparatus, 500mL

This complete set features high quality borosilicate glass parts and all hardware necessary for simple distillation experiments.

Contents:

- Round Bottom Distillation Flask with Side Tube (Still Head), 500ml
- Graham Condenser, 300mm
- Erlenmeyer Flask, 250ml
- **Glass Stopper**
- Support Stand (6"X9") with 24" Rod Swivel Burette Clamp
- **Extension Clamp** .
- Clamp Holder
- Activity Guide •

Item No.	Mfr. Item No.	Size	Your Cost
3058-02	DSA001	500 mL	150.13

Butane Laboratory Burner

This Laboratory Burner is small, compact, and portable. It eliminates the need for external fuel tanks, costly piping or unsightly hoses. Being self-contained, it is easily moved to any location and can be conveniently stored in a small space. It delivers temperatures up to 3000°F for up to 5.5 hours from a single disposable butane fuel container.

		Mfr Item		Qty	Your
^	Item No.	No.	Description	Break	Cost
č	3430-25		Butane Laboratory Burner with Fuel container		56.26
(\mathbf{H})	3430-26	65F	Replacement Fuel container	1-11	12.89
~				12+	11.14

UV-Transparent Disposable Cuvettes (BrandTech Scientific)

Eliminate the need for cleaning, and the associated risk of sample carryover and cross-contamination. BRAND's UV-transparent, disposable cuvettes replace expensive, fragile guartz cuvettes and are excellent for DNA, RNA, and protein analysis between 230-900nm. Made from a proprietary polycyclical olefin, they can be used with most polar solvents, acids and alkaline solutions.

Filling Volume Min. / Max.: 2.5mL / 4.5mL Window Dimensions: 10 x 35 mm

Item No.	Mfr Item No.	Light Path, mm	Qty	Your Cost
2013-80	759170	10	pack/100	93.31

Lab Tool Kit

Handy and economical assortment of commonly used lab tools: test tube brush; spatula, crucible tongs, test tube clamp, lab scoop and forceps.

ltem	Your
No.	Cost
4411-20	24.69

Porcelain Mortar & Pestle Set

Deep form mortars with lips glazed on the outside (except for the bottom) and unglazed inside. Oversized pestles are glazed to grinding surface.



ltem No.	Capacity	Mortar Height	Pestle Length	Your Cost
USCJMD150	150mL	70mm	135mm	10.64
USCJMD275	275mL	70mm	160mm	13.60

Hand Held Magnifiers

An excellent value. High quality lenses with chrome plated frame. Balanced with a long black handle.



ltem No.	Lens Dia.	Magnifi.	Your Cost
3430-30	50 mm	2.5m	6.46
3430-33	65 mm	2.5m	5.03
3430-36	75 mm	2.5m	7.09

800-328-8378



Other UV Light see page 214. Disposable Spatulas see page 153.

LABORATORY SUPPLIES



WEBER SCIENTIFIC

Sophisticated and Ergonomic Electronic Pipettors

Picus[®] 2 Electronic Pipettes (Sartorius)

Superb ergonomics to prevent Repetitive Strain Injury

- Fully electronic operation guarantees user-independent results
- Autoclavable lower part
- 9.5" / 241 mm length
- Fits most major pipettor tips
- 2-year warranty
- Single channel
- Advanced ergonomics
- Bluetooth connectivity enabled

Comprehensive range of pipetting modes

- Pipetting
- Reverse Pipetting
- Manual Pipetting
- Multi Dispensing
- Diluting
- Sequential Dispensing
- Multi Aspiration

ltem No.	Mfr. item No	Color Code (to match tips)	Volume Range	Your Cost
3185-86	747061	Orange	10-300 μL	1,067.85
3185-87	747081	Blue	50-1000 μL	1,067.85
3185-88	747101	Green	100-5000 μL	1,067.85
Accessories				
Item No.	Description			
3185-05	Charging stand for	1 unit		222.71
3185-03	Carousel charging	stand for 4 units		620.23
3185-04	Linear stand – no c	harge		153.14
3185-08	Replacement charge	ging adaptor		168.00
3185-09	Replacement batte	ery		80.20
3185-10	USB charging adap	oter		581.91

Labnet Excel[™] Electronic Pipettor (Labnet)

Multifunctional pipettes for standard and reverse pipetting

Labnet's Excel[™] Electronic Pipettes are multifunctional units with operational modes for standard and reverse pipetting as well as multiple and sequential pipetting, mixing of samples and serial dilutions. All functions are easily programmed with one hand on the well positioned display and keypad. A fully motorized piston drive and auto-calibration guarantee excellent accuracy and reproducibilty. A removable, rechargeable Lithium-ion battery ensures many hours of performance between charges.

- Fully Motorized Piston Drive
- Multifunctional with Six Operational Modes
- Virtually Eliminates Pipetting Force
- Exceptional Accuracy and Precision
- Simple, Precise Volume Setting

ltem No.	Mfr Item No.	Volume Range	Increments μL	Accuracy	Precision	Your Cost
3186-30	P3600L-1200	100-1,200 μl	1.0 µl	±1.5 to ±0.5%	<0.6 to <0.15%	353.32



Safe-Cone Pipette Filters (Sartorius) Prolongs the life of your pipettor

• Protects the pipette and the sample from contamination

WEBER EXCLUSIVE

- Reduces maintenance intervals
- Standard, Ø 5.33 mm

The unique and replaceable polyethylene (PE) Safe-Cone Filters act as a final barrier to prevent any fluids and liquid vapours from reaching the internal components of the pipette. A cost effective way to prolong the life of your pipettor.

	· ·	3	× • •		
Item No.		Mfr. Item	No.	Qty	Your Cost
3183-40		721006		pack/50	19.17

88

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details

FIRST CASE UPGRADE HAZARDOUS MATERIALS

SHIPS ON ICE

MICRO-PIPETTORS



Micro-Pipettors

Economical Mechanical Pipettors

Fully autoclavable and user-friendly

Available in single-channel and multi-channel models

These single and multi-channel pipettes cover a volume range from 0.5 uL to1 mL and are fully autoclavable. The ergonomic design provides excellent operating experience and an easy-to-read volume display. Manufactured from innovative materials, calibration and maintenance are simple. Each Micropipette Plus includes an individual calibration certificate according to ISO 8655.

Features:

- Dispensing head that rotates for effortless pipetting convenience
- Individual piston and tip cone assembly allows for easy repair and maintenance
- Compound material-made tip cone secures high sealing performance
- Compatible with most universal tip brands

ltem	No. of	Volume	Your
No.	Channels	Range	Cost
3183-65	Single Channel	0.5-10 uL	76.82
3183-63	Single Channel	2-20 uL	76.82
3183-69	Single Channel	10-100 uL	76.82
3183-67	Single Channel	20-200 uL	76.82
3183-60	Single Channel	100-1000 uL	76.82
3183-68	8-Channel	0.5-10 uL	239.80
3183-66	8-Channel	5-50 uL	239.80
3183-61	8-Channel	50-300 uL	239.80
3183-64	12-Channel	0.5-10 uL	178.57
3183-62	12-Channel	50-300 uL	254.15



Proline® Plus Mechanical Pipettors

(Sartorius – formerly Biohit)

Highest accuracy and precision for today's demanding laboratories

Both adjustable and fixed volume models

Proline Plus Mechanical pipettors offers a range of user-friendly features. It is autoclavable, ensuring that it can be sterilized between uses, and can be calibrated by the user to guarantee accuracy. The pipettor is available in a wide range of sizes, up to 10mL, to accommodate different volumes of samples. It is compatible with any universal fit pipette tip, making it versatile and cost-effective. The ergonomic design with a remarkably light pipetting force reduces the risk of hand strain injuries, and it can be used by both right and left-handed users. The bold, easy-to-read volumes ensure accurate measurements, and it is IVD/CD certified to meet regulatory requirements. The three-year warranty ensures that users can rely on this pipettor for accurate and precise liquid handling in their laboratory work.

ltem No.	Color Code (to match tips)	Mfr Item No.	Volume Range (µl)	Increment (µl)	Test Volumes (μl)	Inaccuracy (%)	Imprecision (%)	Your Cost
3185-13	Yellow or orange	728020	0.5 - 10	0.01	10/5/1	1.00 / 1.50 / 2.50	0.60 / 1.00 / 1.50	239.25
3185-15	Yellow or orange	728050	10 - 100	0.10	100/50/10	0.80 / 1.00 / 2.00	0.15 / 0.40 / 1.00	239.25
3185-16	Yellow or orange	728060	20 - 200	0.20	200 / 100 / 20	0.60 / 0.80 / 2.00	0.15 / 0.30 / 0.80	239.25
3185-18	Blue	728070	100 - 1000	1.00	1000 / 500 / 100	0.60 / 0.60 / 1.00	0.20 / 0.20 / 0.40	239.25
3185-22	Green	728080	500 - 5000	10.0	5000 / 2500 / 500	0.50 / 0.60 / 2.00	0.20 / 0.30 / 0.60	239.25
3185-24	Gray	728515	5	-	5	1.30	1.20	158.40
3185-26	Gray	728520	10	-	10	0.80	0.80	194.77
3185-28	Blue or Aqua	728567	500	-	500	0.30	0.20	191.98
3185-30	Blue or Aqua	728570	1000	-	1000	0.30	0.20	191.98
3185-32	Green	728575	2000	-	2000	0.30	0.15	191.98
3185-34	Green	728580	5000	-	5000	0.30	0.15	191.98
3185-36	Red	728590	10 ml	-	10000	0.60	0.20	191.98

ACCESSORIES: FOR MICRO-PIPETTORS

LIQUID HANDLING

Engraving Tool see page 86.



WEBER SCIENTIFIC

Brandtech Transferpette S Fixed Volume Pipettes

A lightweight, yet robust instrument that delivers a high degree of accuracy and precision, the Transferpette[®] S now offered newly refined features that make work even easier and more efficient.

With its new handle geometry, the Transferpette S provides a comfortable grip regardless of hand size and working right- or left-handed. Plus, true one-handed operation means no changing of grip or putting down sample, to set the volume. The newly designed volume adjustment break is easy to operate and clearly indicates when the pipette is secured against accidental volume changes. An even slimmer shaft makes working with narrow tubes and vials more manageable – recover more of your sample. And the shaft coupling to the handle has been redesigned, improving ergonomics, and making cleaning easier. The color-coded pipette accents for tip selection are even clearer.

- One-handed volume adjustment with brake to protect against accidental volume changes
- 5mm piston stroke-length is shortest of all leading pipettes
- Easy Calibration[™] technology ensures fast, easy, in-lab calibration adjustments without tools
- · Four-digit volume display is always visible
- Universal tip cone fits tips from most quality manufacturers
- Completely and repeatedly autoclavable at 121°C/250°F (20 minutes)

Item				Coefficient of	Your
No.	Model	Capacity	Accuracy	Variation	Cost
BRA705838	F-100	100µL	± 0.6%	0.2%	182.57
BRA705844	F-200	200µL	± 0.6%	0.2%	182.57
BRA705854	F-500	500µL	± 0.6%	0.2%	182.57
BRA705862	F-1000	1000µL	± 0.6%	0.2%	182.57

Micro-Pipettors (Eppendorf)

Reference adjustable-volume models

Continuously adjustable with digital readout. Factory tested for accuracy and precision, with a certificate of calibration supplied with each instrument. User serviceable for easy maintenance. Accuracy and precision similar to the fixed-volume models. Autoclavable. Three year warranty.

Item		Your
No.	Volume	Cost
3182-00	10 - 100 μl (.011 mL)	602.59
3181-00	100 - 1000 μl (.1 - 1 mL)*	577.91

Reference fixed-volume models

User serviceable: can be easily maintained right in the lab. If a pipettor ever requires service, a full range of replacement parts is available. All the operating functions of pipetting, blow-out and tip ejection controlled at the touch of a single button. The "ultra micro" 1 μ l pipettor features an extended piston that reduces dead-air volume for superior performance. Autoclavable. Three year warranty.

		Inaccuracy/		Your
Item No.	Volume	Imprecision	Comments	Cost
3182-10	10 μl (.01 mL)	±1.0% / ≤0.5%	for DMSCC	444.69
3181-40	100 μl (.1 mL)	±0.6% / ≤0.2%		463.66
3181-48	1000 μl (1 mL)	±0.6% / ≤0.2%		478.55

Research Fixed-volume models

Autoclavable lower part. Features a separate built-in tip ejector. Three year warranty.

		Inaccuracy/		Your
Item No.	Volume	Imprecision	Comments	Cost
3181-10	10 μl (.01 mL)	±1.8% / ≤0.6%		405.20
3181-12	50 μl (.05 mL)	±0.7% / ≤0.3%		405.20
3181-18	100 μl (.1 mL)	±0.6% / ≤0.2%	for Delvo "P" Test	405.20
3181-19	200 μl (.2 mL)*	±0.6% / ≤0.2%	for Delvo "E" Test	414.19
3181-22	500 μl (.5 mL)	±0.6% / ≤0.2%	for Delvo "E" Test	405.20
3181-24	1000 μl (1 mL)	±0.6% / ≤0.2%		387.15

* Uses 200 - 1000 µl tips.

ACCESSORIES: FOR MICRO-PIPETTORS



Mini-Pipettor see page 32. Engraving Tool see page 86.



3181-22

LIQUID HANDLING

Optifit™ Tips for Pipettor (Sartorius-Biohit)

Tips fit Biohit, 3M[®] Electronic and most other pipet brands

In liquid handling, the pipette and the tip always form a system. Perfect tip fitting and sealing to the pipette secures the best possible accuracy and precision. These tips provide excellent reproducibility and accuracy and are suitable for use with most other pipette brands.

Highest quality virgin polypropylene

- Fully traceable, CE/IVD certified
- Flip-top boxes can be easily opened and closed using a single hand
- Color coding of the tip trays allows for easy matching with a suitable Biohit pipette
- RNase, DNase and endotoxin free certified by lot number.
- Labels indicate tip volume, tip type, lot number, etc.
- · Air-tight plastic wrapping for maximal purity wrapping is regular waste
- Material used in tips, trays and racks (polypropylene) is 100% recyclable

Item No.	Mfr Item No.	Description	Color Code (to match Pipettor)	Volume Range, ul	Length	Qty	Qty Break	Your Cost	Qty Break	Your Cost
3185-72	790014	Non-Sterile, Bulk	Gray	0.1-10	31.5 mm	1000 Tips	1-4	42.74	5+	37.39
3185-71	790011	Pre-Sterilized, Single Tray	Gray	0.1-10	31.5 mm	10 x 96 Tips	1-4	125.19	5+	109.55
3185-75	LH-B790204	Non-Sterile, Bulk	Yellow	0.5-200	51 mm	960 Tips	1-4	39.19	5+	34.58
3185-73	790201	Pre-Sterilized, Single Tray	Yellow	0.5-200	51 mm	10 x 96 Tips	1-4	75.81	5+	65.70
3185-41	LH-B790354	Non-Sterile, Bulk	Orange	5-350	54 mm	960 Tips		41.23		
3185-42	790350	Non-Sterile, Single Tray	Orange	5-350	54 mm	10 x 96 Tips	1-4	116.11	5+	101.59
3185-44	790351	Pre-Sterilized, Single Tray	Orange	5-350	54 mm	10 x 96 Tips	1-4	111.37	5+	97.43
3185-46	790352	Non-Sterile, Refill Tower	Orange	5-350	54 mm	10 x 96 Tips		42.79		
3185-48	790353	Pre-Sterilized, Refill Pack	Orange	5-350	54 mm	15 X 96 Tips	1-4	97.05	5+	84.11
3185-51	LH-B791004	Non-Sterile, Bulk	Blue	10-1000	71.5 mm	480 Tips	1-4	24.40	5+	21.54
3185-52	791000	Non-Sterile, Single Tray	Blue	10-1000	71.5 mm	10 x 96 Tips	1-4	77.71	5+	68.00
3185-54	791001	Pre-Sterilized, Single Tray	Blue	10-1000	71.5 mm	10 x 96 Tips	1-4	99.66	5+	87.21
3185-56	791002	Non-Sterile, Refill Pack	Blue	10-1000	71.5 mm	10 x 96 Tips	1-4	45.23	5+	39.18
3185-58	791003	Pre-Sterilized, Refill Pack	Blue	10-1000	71,5 mm	10 X 96 Tips	1-4	66.92	5+	57.35
3185-62	791020	Non-Sterile, Single Tray	Aqua - Wide bore	10-1000	68.5 mm	10 x 96 Tips		68.51		
3185-64	791021	Pre-Sterilized, Single Tray	Aqua - Wide bore	10-1000	68.5 mm	10 x 96 Tips	1-4	108.47	5+	94.90
3185-66	780304	Non-Sterile, Single Tray	Green	100-5000	150 mm	10 x 50 Tips	1-4	160.32	5+	142.26
3185-68	780305	Pre-Sterilized, Single Tray	Green	100-5000	150 mm	10 x 50 Tips	1-4	191.20	5+	163.87
3185-70	780308	Non-Sterile, Bulk	Green	100-5000	150 mm	10 x 50 Tips	1-4	156.37	5+	134.04
3185-79	LH 780316	Non-Sterile, Bulk	Red	1000-10000	161 mm	250 Tips	1-4	135.58	5+	118.62

Wide Tip Pipet Tips (Weber)

Larger tip opening and precision pipetting

Accurate tips are compatible with the most popular pipettors. Certified as RNase, DNase, and endotoxin free. Flexible walls and a series of internal sealing rings ensure a secure and less force to load and eject. 1000 µl tip fits the 3M Electronic Pipettor. Natural polypropylene.

Item No.	Fits Pipettor, µL	Packaging	Qty Break	Your Cost
3184-70	200	1000 bulk pack, not sterile	1-19	14.26
			Multiples of 20	12.83
3184-71	200	960 rack pack, 10 X 96, not sterile	1-4	38.40
			Multiples of 5	36.92
3184-72	200	960 rack pack, 10 X 96, sterile	1-4	42.20
			Multiples of 5	40.51
3184-74	1000	1000 bulk pack, not sterile	1-4	31.37
			Multiples of 5	28.38
3184-75	1000	960 rack pack, 10 X 96, not sterile	1-4	40.04
			Multiples of 5	36.06
3184-76	1000	960 rack pack, 10 X 96, sterile	1-4	61.09
			Multiples of 5	58.02



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LIQUID HANDLING



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Universal Fit Tips for Micro-Pipettors

Engineered for a wide variety of pipettors. Your lab can now standardize on one brand of tips! The 1000 μl tips will fit the 3M, Electronic Pipettor, frequently used for the Petrifilm® plate method. Rack packs are autoclavable. Natural polypropylene.

ltem	Fits Pipettor,			Qty	Your
No.	μl	Packaging	Grad.	Break	Cost
3184-25	1-200	1000 bulk pack,	yes	1-9	19.23
		not sterile		Multiples of 10	14.52
3184-27	1-200	960 rack pack,	yes	1-4	36.70
		10 x 96, not sterile		multiples of 5	33.07
3184-28	1-200	960 reload rack pack,	yes	1-3	25.26
		not sterile		multiples of 4	22.71
3184-29	1-200	960 reload starter kit,	yes	1-3	34.74
		not sterile		4+	31.26
3184-30	1-200	960 sterile rack	yes	1-4	40.98
		pack, 10 x 96		multiples of 5	36.53
3184-00	50-1250	768 bulk pack,	yes	1-9	17.26
	-	not sterile		Multiples of 10	15.54
3184-01	50-1250	768 rack pack,	no	1-4	35.59
		8 x 96, not sterile		multiples of 5	32.05
3184-02	50-1250	768 sterile rack	yes	1-4	37.46
		pack, 8 x 96		5+	33.70
3184-03	50-1250	768 reload rack pack,	yes	1-3	31.57
		8 x 96, not sterile		multiples of 4	28.41
3184-04	50-1250	768 reload starter kit,	yes	1-3	37.35
		8 x 96, not sterile		4+	33.62
3094-46	100-1000	1000 sterile rack	no	1-4	72.08
		pack, 10 x 100, low binding		multiples of 5	68.89
3184-35	100-1000	1000 bulk pack, not sterile	no	1-9	20.11
		low binding		multiples of 10	18.10
3184-37	100-1000	1000 rack, not sterile	no	1-4	39.89
		10 x 100, low binding		multiples of 5	35.89
3184-34	201-1000	1000 bulk pack,	no	1-9	21.75
		not sterile		Multiples of 10	19.50
3184-36	201-1000	1000 rack pack,	no	1-4	47.25
		10 x 100, not sterile		multiples of 5	35.81
3094-45	201-1000	1000 sterile rack	no	1-4	51.20
		pack, 10 x 100		mulitples of 5	44.55
				mulitples of 25	39.59



Biopur® Tips for Micro-Pipettors (Eppendorf)

For the utmost in biological purity

Biopur tips are guaranteed sterile, pyrogen-free, RNase-free, DNA-free and ATP-free. Packed in sterile racks.

ltem No.	Mfr. Item No.	Volume, µl	Qty	Your Cost
3183-27	0030075234	200	480 (5 racks of 96)	137.67
3183-21	022491105	1000	480 (5 racks of 96)	143.50

Eppendorf Compatible Tips for Micro-Pipettors

Manufactured to be compatible with Eppendorf pipettors. Rack packs are autoclavable. Natural polypropylene, in clear and yellow tips.

ltem	Fits Pipettor,				
No.	μΙ	Packaging	Color	Qty Break	Your Cost
3183-29	1-20	960 rack pack,	Clear	1-4	32.31
		10 x 96, not sterile		multi. of 5	29.07
3183-30	1-20	960 sterile rack	Clear	1-4	40.99
		pack, 10 x 96		multi. of 5	36.89
3183-32	10-200	960 rack pack,	Yellow	1-4	145.10
		10 x 96, not sterile		multi. of 5	139.27
3183-33	10-200	960 sterile rack	Yellow	1-4	51.20
		pack, 10 x 96		multi. of 5	44.55
3183-35	100-1000	1000 rack pack,	Clear	1-4	36.23
		10 x 100, not sterile		multi. of 5	32.60
3183-36	100-1000	sterile rack pack,	Clear	1-4	51.20
		10 x 100		multi. of 5	44.55

Tips for Micro-Pipettors (Eppendorf)

ltem No.	Fits size pipettor	Qty	Comments	Your Cost
3183-01	1 μl "micro"	1000	bulk pack	112.10
3183-05	10 - 200 μl	1000	bulk pack	82.16
3183-07	10 - 200 μl	960	autoclavable rack	128.81
3183-09	10 - 200 µl	1000	sterile, ind. wrapped	217.88
3183-14	50 - 1000 μl	1000	bulk pack	89.14
3183-16	50 - 1000 μl	960	autoclavable rack	139.99
3183-18	100 - 1000 µl	1000	sterile, ind. wrapped	217.88

Mounting	Branded	Compatible
Smallest	3183-01/03	3183-28/29/30
Medium	3183-05/07/09	3183-32/33
Large	3183-14/16/18	3183-35/36

ACCESSORIES: FOR PIPET TIPS

Autoclave bags see pages 8.



Maxymum Recovery Universal Fit Filter Pipet Tips (Corning)

- Volume: 100, 200, 300, and 1000 microliter
- Color: clear
- Pre-sterilized; autoclavable; racked
- Certified RNase, DNase, and endotoxin free
- Low retention

This Maxymum Recovery universal fit filter tip is for research grade pipettors, applications requiring high accuracy and reproducibility. Ideal for transferring viscous DNA, RNA, and protein solutions. All tips feature the "Uni-grip" design, which assures an airtight seal with most major brands of pipettors.

Item No.	Fits Pipettor, μL	Packaging	Your Cost
3184-05	100	96 Tips/Rack,	43.50
		10 Racks, sterile	
3184-06	200	96 Tips/Rack,	45.67
		10 Racks, sterile	
3184-07	300	96 Tips/Rack,	84.51
		10 Racks, sterile	
3184-10	1000	100 Tips/Rack,	49.56
		10 Racks, sterile	

Filtered and Non-Filtered Pipette Tips (LabGenius)

LabGenius Pipette Tips are available filtered or non-filtered in pre-sterilized racks. The universal design fits many of the top popular brands of pipettors in the market, such as Eppendorf, Gilson, Costar, Accumax, and the Daigger Scientific Pipette Plus.

- Specially molded for a high degree of accuracy
- Universal size fits many of the top brand of mechanical pipettes in the market
- Thin wall crown technology decreases pipettor wear.
- No detectable CN enzymes, RNA enzymes, proteins, DNA

				Your	
Item No.	Capacity	Description	Packaging	Cost	
Filtered					
3387-06	10 uL	Standard Retention	96 Tips/Rack, 10 Racks/Pack	43.50	
3387-02	10 uL	Extra-Long Standard Retention	96 Tips/Rack, 10 Racks/Pack	43.50	
3387-08	10 uL	Low Retention	96 Tips/Rack, 10 Racks/Pack	52.46	
3387-01	20 uL	Standard Retention	96 Tips/Rack, 10 Racks/Pack	43.50	
3387-05	20 uL	Low Retention	96 Tips/Rack, 10 Racks/Pack	52.46	
3387-03	100 uL	Standard Retention	96 Tips/Rack, 10 Racks/Pack	43.50	
3387-04	200 uL	Standard Retention	96 Tips/Rack, 10 Racks/Pack	45.67	
3387-07	1000 uL	Standard Retention	96 Tips/Rack, 6 Racks/Pack	49.56	
Non-Filtered					
3387-09	10 uL	Standard Retention	96 Tips/Rack, 10 Racks/Pack	33.22	
3387-10	200 uL	Standard Retention	96 Tips/Rack, 10 Racks/Pack	40.98	
3387-11	1000 uL	Standard Retention	96 Tips/Rack, 10 Racks/Pack	51.20	



Pipettor Stands (Heathrow Scientific)

Efficient and convenient pipettor storage. Sturdy six-place pipettor stands hold most major brands of pipettors. Upper slots are 25 mm and lower slots are 20 mm. Economical and durable. ABS plastic.

ltem		Your
No.	Qty	Cost
3180-20	blue	53.23



Micro-Pipettor Rack (Bel-Art Scienceware)

Poxygrid[®] epoxy coated aluminum rack holds 10 pipettors in two stepped rows. A lower shelf has smaller holes that accept the tapered ends of the pipettors to keep them vertical. 9" x 5" x 6 3/4" - 229 x 127 x 171 mm high.

Item	Your
No.	Cost
3180-75	128.33

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Eppendorf® Wall Mount Pipettor Stand (Brinkmann 3116000112)

Holds a single or multichannel pipettor. Supplied with a heavy duty Velcro^{*} connection. Remove the adhesive covering to install.

Item	Your
No.	Cost
3180-56	57.09

TIPS FOR MICRO-PIPETTORS

VISI

800-328-8378

WEBER SCIENTIFIC



Sterile Pipets, Polystyrene, Serological Type

Available in standard and wide tip styles for transferring liquids and suspension of different viscosities. All pipets are polystyrene, certified non-pyrogenic, RNase/DNase Free, BSE/TSE Free and non-toxic with white polyester plugs and color-coded TD rings.

Sizes 1 mL and 2 mL feature one-piece construction and $\pm/-3\%$ accuracy. 5 mL are 2-piece construction and sizes 10 mL \pm 0 50 mL are 3-piece construction. Sizes 5 mL to 50 mL have $\pm/-2\%$ accuracy. Size 10 mL is available in "Shorty" length, for ease of use in tight spots.

Sterile pipets are available individually wrapped or bulk packaged. Individually wrapped sterile pipets are provided in one-side-paper one-side-plastic packaging that can be opened by peeling the end or by pushing the pipet through the paper side.

12 25mL Disposable Serologi
Isposable Serology
🛙 😰 🏍 5mL Disposable Serold
Ite 2mL Disposable Serological P
ly the first Second Second

ltem No.	Description	Length (inches)	Graduation Interval (mL)	Negative Graduations	Tip O.D. (mm)	011	Qty Break	Your Cost
			. ,			Qty		
3018-31	1 mL Standard	11.0	0.01	no	3.35	case/1000	1-3	134.24
	Bulk Packed 25 per bag						4+	115.08
3018-32	2 mL Standard	11.125	0.01	yes	3.73	case/500	1-3	104.08
	Bulk Packed 25 per bag						4+	89.22
3018-39	5 mL Standard	13.721	0.10	yes	3.35	case/500	1	119.94
	Bulk Packed 25 per bag						2+	102.81
3018-41	10 mL Standard	13.65	0.10	yes	3.30	case/500	1	137.13
	Bulk Packed 25 per bag						2+	117.54
3018-51	25 mL Standard	12.24	0.25	yes	4.78	case/200	1	133.29
	Bulk Packed 10 per bag						2+	114.26
3019-33	1 mL Standard	11.0	0.01	no	3.35	case/1000	1	215.64
	Individually Wrapped						2+	184.84
3019-34	2 mL Standard	11.125	0.10	yes	3.73	case/500	1	179.14
	Individually Wrapped						2+	153.56
3019-43	5 mL Standard	13.721	0.10	yes	3.35	case/200	1-3	54.90
	Individually Wrapped						4+	47.07
3019-44	10 mL Standard	13.65	0.10	yes	3.30	case/200	1-3	57.31
	Individually Wrapped						4+	49.12
3019-52	10 mL "Shorty"-Tip	9.06	0.10	yes		case/200		135.84
	Individually Wrapped							
3019-45	25 mL Standard	12.24	0.25	yes	4.78	case/200	1	120.45
	Individually Wrapped						2+	103.23
3019-46	50 mL Standard	14.495		yes	5.49	pack/100	1-3	180.47
	Individually Wrapped					·	4+	154.69

4 LIQUID HANDLING

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Pipets

Sterile Pipets, Polystyrene, Serological (Argos)

Pipettes are sterile, pyrogen free and utilize a unique filter plug to prevent overfilling. Reverse graduations show volume removed or remaining on all pipettes larger than 1 mL. The uniform mouth piece fits all major pipettors and have color coded TD rings for ease of identification. Calibrated TD with blow out. Meets AST< E934.

		Grad. Interval;	Negative			Qty	Your	Qty	Your
Item No.	Description	mL	Grad. mL	±Tol mL	Qty	Break	Cost	Break	Cost
3018-01	1 mL Bulk packed 25 per bag	0.01	0.3	0.02	pack/1000	1-3	261.44	4+	237.96
3018-03	2 mL Bulk packed 25 per bag	0.01	0.3	0.04	pack/1000	1-3	354.50	4+	322.70
3018-05	5 mL Bulk packed 25 per bag	0.1	2	0.1	pack/500	1-3	231.60	4+	210.80
3018-11	10 mL Bulk packed 25 per bag	0.1	3	0.2	pack/400	1-3	192.01	4+	174.08
3018-13	10 mL Wide tip Bulk packed 25 per bag	0.1	3	0.2	pack/400	1-3	189.56	4+	171.86
3018-26	25 mL Bulk packed 10 per bag	0.2	10	0.5	pack/150	1-3	173.87	4+	149.04
3019-00	1 mL Individually wrapped	0.01	0.3	0.02	pack/500	1-3	154.78	4+	141.21
3019-02	2 mL Individually wrapped	0.01	0.3	0.04	pack/500	1-3	199.05	4+	181.20
3019-05	5 mL Individually wrapped	0.1	2	0.1	pack/200	1-3	119.54	4+	108.81
3019-10	10 mL Individually wrapped	0.1	3	0.2	pack/200	1-3	105.82	4+	96.09
3019-26	25 mL Individually wrapped	0.2	10	0.5	pack/150	1-3	184.26	4+	161.22
3019-27	100 mL Individually wrapped	1.0	none	2.0	pack/50	1-3	243.63	4+	221.20

Plastic Serological Pipets (Celltreat)

Plastic Serological Pipets are manufactured from optically clear polystyrene and include a plug that helps prevent contamination. They are printed with bold clear bi-directional graduations and markings. Graduations are calibrated for accurate dispensing. Pipets include color coded stripes for quick volume identification. Dispensing is accurate to within ±2%.

						Your
Item No.	Color-Code	Capacity	Packaging	Туре	Qty	Cost
3018-17	Yellow	1 mL	Individually Wrapped - Paper/Plastic	Standard Bore	case/800	147.30
3018-18	Green	2 mL	Individually Wrapped - Paper/Plastic	Standard Bore	case/500	126.97
3018-19	Blue	5 mL	Individually Wrapped - Paper/Plastic	Standard Bore	case/200	43.98
3018-14	Orange	10 mL	Individually Wrapped - Paper/Plastic	Standard Bore	case/200	80.51
3018-15	Orange	10 mL	Individually Wrapped - Paper/Plastic	Wide Bore	case/200	57.15
3018-16	Red	25 mL	Bulk Pack/25	Standard Bore	case/200	78.71

Disposable Pipet, Sterile Glass (Kimble 72100)

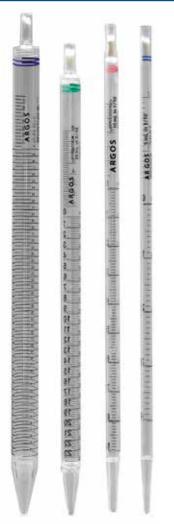
Serological type cotton plug in mouth-end. Calibrated to deliver to tip with two rings near the top denoting that the small amount remaining in the tip must be blown out. Kimax[®] glass.

ltem No.	Negative Capacity mL	Sub- Graduations mL	divisions mL	Qty	Qty per inner bag	Your Cost
3018-510	1	0.2	0.1	pack/1000	25	397.61
3018-520	2	0.2	0.01	pack/500	25	199.35
3018-550	5	1.0	0.1	pack/500	10	220.25
3018-600	10	2.0	0.1	pack/500	10	388.57

Disposable Individually Wrapped Pipet, Sterile Glass (Kimble 72105)

Same as 3018 Range except each pipet is individually wrapped.

ltem No.	Negative Capacity mL	Sub- Graduations mL	divisions mL	Qty	Your Cost
3019-510	1	0.2	0.1	pack/1000	393.99
3019-520	2	0.2	0.01	pack/500	215.20
3019-550	5	1.0	0.1	pack/500	269.73
3019-600	10	2.0	0.1	pack/500	313.36





Compare and Save on Our Bacteriological Pipets

Sterile Pipets, Bacteriological, APHA 🔉 🕅

By far our most popular line of bacteriological pipets. Made in compliance with APHA Standard Methods for the Examination of Dairy Products or Standard Methods for the Examination of Water and Wastewater. All pipets are virgin polystyrene, certified pyrogen-free and non-cytotoxic. Non-toxic color-coded cotton plugs provide easy size identification. One piece construction also provides improved accuracy with calibration to deliver (TD) at $\pm 2\%$. Individually wrapped pipets are provided in static-free, one-side-paper, one-side-plastic packaging that can be opened by peeling the end or by pushing the pipet through the paper side.

14 NI	<i>.</i>	Grad	~	Qty	Your		
Item No.	Size; mL	Interval; mL	Qty	Break	Cost	Qty Break	Your Cost
3022-03	1.1; Bags/25	0.5, 1.0, 1.1	pack/1000	1-3	145.03	4+	124.33
3022-06	1.1; Ind. Wrap	0.5, 1.0, 1.1	pack/1000		218.90		
3022-53	2.2; Bags/25	0.5, 1.0, 2.0, 2.1, 2.2	pack/1000	1-3	167.62	4+	143.67
3022-56	2.2; Ind. Wrap	0.5, 1.0, 2.0, 2.1, 2.2	pack/800		165.03		

Sterile Pipet, Bacteriological, Kimax®(Kimble 72106-22)

Sterile, plugged borosilicate glass pipets meet the requirements in APHA *Standard Methods for the Examination of Dairy Products*, 17th edition.

Capacity mL: 2.2 Calibration lines at mL: 2.2, 2.1, 2.0, 1.0

Item No.	Qty	Your Cost
3022-20	pack/500; 125 per bag indiv. wrapped	402.64

Reusable Pipet, Bacteriological (Kimble 37081)

Graduated. Designed from ASTM specification E1043 Type V requirements. Capacity mL: 11

Calibration lines at mL: every 1

Tolerance r	nL: ±0.10
-------------	-----------

Item No.	Qty	Your Cost
3020-80	pack/12	177.20

Reusable Pipet, Bacteriological (Kimble 37079)

Calibrated in accordance with specifications in APHA Standard Methods for the Examination of Dairy Products.

Capacity mL: 1.1 Calibration lines at mL: 1.1,1.0, 0.5 Tolerance mL: ±0.025

Item No.	Qty	Qty Break	Your Cost
3020-00	pack/12	1-2	141.96
		3+	129.54

Reusable Pipet, Bacteriological (Kimble 37079-22)

tem No Otv Vou	-
alibration lines at mL: 2.2, 2.1, 2.0, 1.0 olerance mL: ±0.04	
apacity mL: 2.2	
xamination of Dairy Products.	
alibrated in accordance with specifications in APHA Standard Methods for t	the

Item No.	Qty	Your Cost
3021-00	pack/12	157.14

Plastic Bacteriological/Milk Pipets (Celltreat)

Manufactured to meet APHA requirements shown in *Standard Methods for Examination of Dairy Products* and ASTM E1043-00(2010) *Standard Specification for Pipettes, Milk, and Cream Examination*. Supplied Sterile, they are available either individually wrapped or in a bulk packed option.

Item No.	Color Coded	Capacity	Packaging	Qty	Your Cost
3022-09	Purple	1.1 mL	Individually Wrapped - Paper/Plastic	case/250	48.86
3022-07	Purple	1.1 mL	Bulk Pack/50	case/500	94.96
3022-08	Black	2.2 mL	Bulk Pack/50	case/400	101.79



BACTERIOLOGICAL PIPETS

LIQUID HANDLING

96

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🗱 SHIPS ON ICE

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details

Disposable Transfer Pipets

Extremely popular and a superb value.

These popular graduated pipets offer safety and convenience for many liquid transfer applications. This single unit design features a built-in pipet bulb and molded-in graduations. Made of inert, non-toxic low density polyethylene. Sterile pipets either are individually wrapped or wrapped in packs of 20.

ltem No.	Description	Bulb Draw mL	Drops /mL	Overall Length inches/mm	Stem mL	Grad. Intvi. mL	Qty	Qty Break	Your Cost
3017-20	Wide stem;	3.5	25	6/150	3	0.5	pk/500	1-9	27.94
	non-sterile							Multi. of 10	24.71
3017-18	Wide stem;	3.5	21	6.3 / 160	3	0.5	pk/500	1-4	66.84
Ŷ	Sterile							5+	61.50
3017-11	Wide stem;	3.5	21	6.3 / 160	3	none	pk/500	1-9	33.14
	Sterile						(pks 20)	Multi. of 10	26.51
3017-29	Narrow stem;	3.5	25	6/150	1	0.25	pk/500	1-9	34.06
	non-sterile							Multi. of 10	30.64
3017-27	Narrow stem;	3.5	21	6.3 / 160	1	0.25	pk/500	1-4	52.65
Ŷ	Sterile							5+	48.44
3017-12	Narrow stem;	3.5	21	6.3 / 160	1	0.25	pk/500	1-9	25.17
	Sterile						(pks 20)	Multi. of 10	20.13



ProPette™ XL Pipette Controller

Fits 1 to 100 mL pipets

- Variable speed control
- Lightweight 6.3 oz. / 170 gram
- Ambidextrous
- 8 hours of continuous use about 2,500 pipettings
- Cordless and rechargeable lithium battery
 Includes charger, benchtop stand, extra filter

and replaceable battery (has US type plug but is 100-240V switchable)

Item No.	Description	Qty	Your Cost
3099-60	ProPette XL Electronic Pipette Controller	1	259.27
	with Retractable Stand	2+	241.98
3099-59	Replacement 0.45 µL Filter		19.43
3099-58	Replacement 5V Lithium Battery		27.75

accu-jet® pro Battery Powered Pipette Controller (BrandTech)

The accu-jet[®] S pipette controller stands alone as a versatile and well-balanced addition to your lab. It makes lab work simple, easy and efficient, whether you use it for cell culture work, reagent preparation, or for general pipetting needs.

Adjust power and precision on the fly, with pressure sensitive buttons that smoothly control pipetting speed, and achieve precise meniscus control when used with pipettes as small as 0.1 mL. The well-balanced design features an ergonomic grip for comfortable uninterrupted use, and the integrated rest position lets you put it down without sacrificing the cleanliness or sterility of your serological pipette. It's quick and convenient, and ready when you are.

ltem No.	Description	Qty	Qty Break	Your Cost
3016-71	accu-jet pro pipette controller, berry color coded *	1	1-2	374.39
			2⊥	27/ 20

* Other colors available at weberscientific.com

Item No.	Mfr. Item No.	Description	Qty	Qty Break	Your Cost
3016-73	26535	Replacement membrane filter 0.2 µm; non sterile	pk/10		139.90
3016-57	26056	Replacement membrane filter	pk/10	1-2	116.67
		3 μm; non sterile		3+	106.92





TRANSFER PIPETS

RF3000

RF3000® Pipette Controller (Heathrow Scientific)

WEBER SCIENTIFIC

Microprocessor controlled for consistent reliability and accuracy

- Fits 1-100 mL glass or plastic pipets 1mL nozzle adapter helps keep small pipettes stable
- Hydrophobic 0.45µm nozzle filter prevents contamination (3 included) Powerful pump offers rapid, yet
- sensitive aspiration and dispensing
- Filling and dispensing speed is easily set with the same hand
- Repeatedly press the large mode button and the bright LED's will indicate one of three modes: High, Low or Gravity Mode (Gravity Mode: "to contain" pipettes and dispense liquid without the motor)
- Five colored and autoclavable nose cones are included to help differentiate for departmental or specific use coding
- Hand-neutral design for right- and left-handed users
- Concave padded triggers and thumb controls for stress-free pipetting Rechargeable while in use or while resting in either the bench top stand or magnetic wall-mountable holder (both included)
- About 20 hours of continuous pipetting plus low-battery indicator

ltem No.	Description	Qtv	Qty Break	Your Cost
Power:	One Li-lon replaceable 240VAC, 50/60Hz with foreign use			
Warranty:	1 year			
Dimensions	: 152 x 152 x 41 mm			

No.	Description	Qty	Break	Cost
3099-50	RF3000, 115 V	each	1	335.02
			2+	311.09
3099-55	Replacement filters	pack/5		38.17

RF1000 Safety Pipet Filler (Heathrow Scientific HS1000RFU)

One-handed operation

Simply squeeze the main bulb, and push the toggle forward to aspirate or back to dispense. Push the blow-out bulb to expel any liquid remaining in the pipette. The instrument is lightweight and intuitive to use. Accommodates graduated or volumetric pipettes (glass or plastic) and can be used with volumes ranging from

1mL to 100mL. Includes a hydrophobic .45µm filter and a magnetic holder for metal surface mount or wall mount. Polypropylene nozzle is autoclavable. Overall dimensions 180 x 45 x 120 mm / 7.1" x 1.8" x 4.7".

ltem No.	Description	Qty	Qty Break	Your Cost
3016-01	Pipet Filler	Each	1-2	56.28
			3+	52.98
ltem				Your
ltem No.	Description	Qty		Your Cost
	Description Replacement .45µm filters	Qty Pack	/5	



macro[™] Safety Pipetting Aid (BrandTech)

Special feature is the effective blow-out button...finally eliminates mouth pipetting even for those applications requiring blow-out! Provides fast, efficient and accurate onehanded control of manual pipetting operations. Each unit can be used with glass or plastic TD or TC pipets from 0.1 to 100 mL. Easy handling: a single lever controls liquid aspiration and delivery. Better control: unique valve system provides outstanding accuracy when adjusting both small or large volumes. Safer: a 3 µm disposable hydrophobic membrane filter acts as a barrier to prevent accidental contamination. Constructed of autoclavable and chemically resistant materials and is easily disassembled for cleaning. German made quality.

ltem No.	Color	Qty Break	Your Cost
3016-50	Gray	1-2	101.45
		3+	95.68
3016-51	Blue	1-2	101.45
		3+	95.68
3016-52	Magenta	1-2	101.45
		3+	95.68
3016-54	Green	1-2	101.45
		3+	95.68

Replacement Parts

Description	Qty Break	Your Cost
Replacement Membrane Filters 3 µm autoclavable	1-2	116.67
filters for Pipet Helper. Pack of 10.	3+	106.92
Replacement Valve System		53.51
Replacement Silicone Adapter		13.07
	Replacement Membrane Filters 3 µm autoclavable filters for Pipet Helper. Pack of 10. Replacement Valve System	DescriptionBreakReplacement Membrane Filters 3 µm autoclavable1-2filters for Pipet Helper. Pack of 10.3+Replacement Valve System

Levo Pipette Controllers (Dynalon Labware)

Levo Pipette Controllers are comfortable to hold and easy to use for precise pipetting with both glass and plastic volumet-

ric and graduated pipettes from 0.1 to 100 mL. The filling and delivery area are easily controlled with a small sensitive lever. The convenient blow out feature expels residual liquid. The controller can be easily taken apart and cleaned whenever necessary. It uses a protective syringe filter, which is easily replaced after unscrewing the adapter support. The Levo Pipette Controller comes in two colors for quick identification. Dimensions: 2" width x 8" height.

		Your
Item No.	Color	Cost
3016-93	Blue	79.25
3016-94	Green	56.70
3016-97	Membrane for Levo Pipette Controllers	8.25

HAZARDOUS MATERIALS

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FIRST CASE UPGRADE





WEBER EXCLUSIVE

Safety Pipet Filler

Three valves control vacuum for filling and delivering. Fits practically all pipets. Available in either natural rubber, or silicone rubber for a softer feel and greater chemical resistance.





3016-26

3016-47, 48, 49

Fast-Release Pipet Pump[™]III (Bel-Art Scienceware 37904)

Improved user friendly shape for maximum comfort and ease of use. Thumb wheel conveniently located to aspirate and dispense gradually while fast release trigger provides rapid dispensing. Resistant to acids, alkalis and solvents, and is easily disassembled for thorough cleaning. No blow out feature.

	Fits Pipets,	Color	Your
Item No.	up to mL	Coded	Cost
3016-22	2	blue	29.43
3016-24	10	green	30.89
3016-26	25	red	37.03

Fast-Release Pipet Pump (Bel-Art Scienceware)

Provides easy pipetting and features a rapid-release lever. Use only with pipets calibrated to contain (no blow out feature). Rotating the knurled thumbwheel draws up or dispenses liquid.

	Fits Pipets,	Color	Your
Item No.	up to mL	Coded	Cost
3016-47	2	blue	30.18
3016-48	10	green	10.97
3016-49	25	red	11.54

Replacement Chuck		Replacement	Chuck Mounting
Item No.	Your Cost	Item No.	Your Cost
3016-43	7.31	3016-41	4.31



3016-30 3016-32

ltem No.	Description	Color	Qty Break	Your Cost
	Natural Rubber		2.04.0	
3016-30	Natural Rubber	black	1-9	12.15
			10+	9.25
3016-40	Silicone	black	1-4	18.00
			5+	14.06
3016-32	Natural Rubber	red	1-9	12.15
			10+	9.25
3016-42	Silicone	red	1-4	18.00
			5+	14.06
3016-34	Natural Rubber	blue	1-9	12.15
			10+	9.25

Pipet Rack (Scienceware)

Polypropylene. Holds 50 pipets. Top and middle decks have 16 mm diameter holes; bottom deck holes are tapered from 16 mm to 6 mm diameter. 8 3/8'' X 4 1/2'' X 8 3/4'' high. Steam autoclavable at 121°C (250°F)

Item	Your
No.	Cost
3026-26	43.33



Sapphire Bottle Top Dispenser (LH Technologies)

With Dual Inlet Technology

Save time and increase lab productivity using the Sapphire Bottle Top Dispenser. This convenient dispenser uses a dual valve technology that allows you to simply rinse and refill your bottle—without dismounting the dispenser!

Featuring functionality, user-friendliness and performance, the Sapphire Bottle Top Dispenser operates in four modes: Dilution, Rinsing, Dual Liquid Handling and Re-circulation.

			Acci	uracy	C	V	Your
Model No.	Vol. Range	Increment	±%	± ml	±%	± ml	Cost
BTSR2.5	0.25-2.5 ml	0.05 ml	0.6	0.015	0.2	0.005	556.86
BTSR5	0.5-5 ml	0.1 ml	0.6	0.030	0.2	0.010	556.86
BTSR10	1-10 ml	0.2 ml	0.6	0.060	0.2	0.020	556.86
BTSR30	2.5-30 ml	0.5 ml	0.6	0.180	0.2	0.060	745.23
BTSR60	5-60 ml	1.0 ml	0.6	0.360	0.2	0.120	745.23
BTSR100	10-100 ml	2.0 ml	0.6	0.600	0.2	0.200	874.13
	BTSR2.5 BTSR5 BTSR10 BTSR30 BTSR60	BTSR2.5 0.25-2.5 ml BTSR5 0.5-5 ml BTSR10 1-10 ml BTSR30 2.5-30 ml BTSR60 5-60 ml	BTSR2.5 0.25-2.5 ml 0.05 ml BTSR5 0.5-5 ml 0.1 ml BTSR10 1-10 ml 0.2 ml BTSR30 2.5-30 ml 0.5 ml BTSR60 5-60 ml 1.0 ml	Model No. Vol. Range Increment ±% BTSR2.5 0.25-2.5 ml 0.05 ml 0.6 BTSR5 0.5-5 ml 0.1 ml 0.6 BTSR10 1-10 ml 0.2 ml 0.6 BTSR30 2.5-30 ml 0.5 ml 0.6 BTSR60 5-60 ml 1.0 ml 0.6	Model No. Vol. Range Increment ±% ± ml BTSR2.5 0.25-2.5 ml 0.05 ml 0.6 0.015 BTSR5 0.5-5 ml 0.1 ml 0.6 0.030 BTSR10 1-10 ml 0.2 ml 0.6 0.060 BTSR30 2.5-30 ml 0.5 ml 0.6 0.180 BTSR60 5-60 ml 1.0 ml 0.6 0.360	Model No. Vol. Range Increment ±% ± ml ±% BTSR2.5 0.25-2.5 ml 0.05 ml 0.6 0.015 0.2 BTSR5 0.5-5 ml 0.1 ml 0.6 0.030 0.2 BTSR10 1-10 ml 0.2 ml 0.6 0.060 0.2 BTSR30 2.5-30 ml 0.5 ml 0.6 0.180 0.2 BTSR60 5-60 ml 1.0 ml 0.6 0.360 0.2	Model No. Vol. Range Increment ±% ± ml ±% ± ml BTSR2.5 0.25-2.5 ml 0.05 ml 0.6 0.015 0.2 0.005 BTSR5 0.5-5 ml 0.1 ml 0.6 0.030 0.2 0.010 BTSR10 1-10 ml 0.2 ml 0.6 0.060 0.2 0.020 BTSR30 2.5-30 ml 0.5 ml 0.6 0.180 0.2 0.060 BTSR60 5-60 ml 1.0 ml 0.6 0.360 0.2 0.120



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LIQUID HANDLING

Additional Pipet Racks from Heathrow Scientific



EBER SCIENTIFIC

Dispensette® S Bottletop Dispenser (BrandTech)

For fast, reproducible dispensing of chemicals. Numerous safety features are built-in. The "floating piston" design forms a zero-wear sealing system with outstanding sliding properties. Optimized flow channels makes for easy dispensing and priming.

Designed to fit directly onto 33 mm screw-neck bottles, but each Dispensette S comes complete with three polypropylene universal adapters to fit a variety of bottles. Autoclavable for sterile applications. One year warranty.

See selection chart on Website under Reference Tab to determine if your application requires the standard or organic model.



	Mfg Item	Volume	Increments	A *	≤±	CV ³	*≤	Qty	Your
Item No.	No.	mL	mL	%	μL	%	μL	Break	Cost
2901-26	4600130	0.5-5	0.1	0.5	25	0.1	5	1	479.95
								2+	449.94
2901-27	4600140	1-10	0.2	0.5	50	0.1	10	1	479.95
								2+	449.94
2901-28	4600150	2.5-25	0.5	0.5	125	0.1	25	1	662.43
								2+	621.02

Dispensette[®] S, Digital Easy Calibration[™]

	Mfg Item	Volume	Increments	A *	≤±	CV*	≤	Your
Item No.	No.	mL	mL	%	μL	%	μL	Cost
2901-30	4600330	0.5-5	0.02	0.5	25	0.1	5	556.80
2901-31	4600340	1-10	0.05	0.5	50	0.1	10	556.80
2901-32	4600350	2.5-25	0.1	0.5	125	0.1	25	748.63

Dispensette® S Organic, Analog-adjustable

•	-		•						
ltem No.	Mfg Item No.	Volume mL	Increments mL	A* %	≤± μL	CV * %	[∗] ≤ μL	Qty Break	Your Cost
2901-34	4630130	0.5-5	0.1	0.5	25	0.1	5	1	511.30
								2+	479.35
2901-35	4630140	1-10	0.2	0.5	50	0.1	10	1	511.30
								2+	479.35
2901-36	4630150	2.5-25	0.5	0.5	125	0.1	25	1	714.97
								2+	670.29

Dispensette[®] S Organic, Digital Easy Calibration[™]

seripettor[®] Economy Dispenser (BrandTech)

Subdivision

mL

0.2

0.5

Valve set (1 filling valve, 1 discharge valve, 2 seals)

adapters for most reagent bottles. One year warranty. Adjustable

Volume

1-10 mL

2.5-25 mL

Description

Replacement Parts for seripettor® (BrandTech)

Dispensing cartridge for 10 mL

Dispensing cartridge for 25 mL

Filling tube, PP, 250 mm

Filling tube, PP, 500 mm

Discharge tube, PP

	Mfg Item	Volume	Increments	A *	≤±	C۷	*≤	Qty	Your
Item No.	No.	mL	mL	%	μL	%	μL	Break	Cost
2901-38	4630330	0.5-5	0.02	0.5	25	0.1	5		612.00
2901-39	4630340	1-10	0.05	0.5	50	0.1	10		612.00
2901-40	4630350	2.5-25	0.1	0.5	125	0.1	25	1	818.44
								2+	767.30

A*=Accuracy, CV*=Coefficient of Variation

*The value of accuracy and coefficient of variation are final test values referring to the delivered nominal volume, instrument and distilled water at equilibrium with ambient temperature (20°C/68°F) and with smooth operation.

Rugged construction and affordably priced. Ideal for routine lab use with buffers, dilute acids, bases, biological media, polar solvents. Easy to operate, clean and maintain. Low cost replaceable wear parts for long life. Includes

Inaccuracy

≤ ±1.2

≤ ±1.2

Reproducibility,

<=%

0.2

0.2

Otv

1-2

3+

1-2

3+

Quantity

pack/3

pack/3

pack/2

pack/2

each

each

each

Break

Your

Cost

147.47

138.59

191.77

180.22

Your Cost

71.75

95.83

12.00

17.14

39.60

45.38

54.27



2902-04

LIQUID HANDLING

100

ACCESSORIES: FOR DISPENSERS

Tilt Measures see page 65.

Square amber dispenser bottle, 1000 mL

Item

Size

2902-04 10 mL

2902-08 25 mL

Item No.

2902-10

2902-12

2902-14

2902-16

2902-18

2902-20

2902-46

No.

Orion Star™ A211 Series Benchtop pH Meter

(Thermo Scientific)

- Up to 5 point pH calibration with automatic recognition for USA/NIST and DIN buffers
- AUTO-READ® locks in the stable reading on your screen, ready indicator alerts when readings are stable and timed reading gathers data in specific time intervals



3801-15

- Plain language screen prompts, soft keys that update for easy selection and a multilanguage interface
- Fix calibration errors without a complete recalibration with calibration
 editing
- Non-volatile memory holds up to 2000 data points with time and date stamp
- Easily transfer data and keep meter software up-to-date with the USB and RS232 ports and complimentary data analysis software
- Mix samples without a stir plate with direct control of the Orion Star stirrer probe (096019, sold separately)
- Included electrode arm and newly-designed probe holder make it easier to maintain and place probes into samples
- Included universal AC power adapter, or use four AA batteries (sold separately)
- IP54-rated housing handles splashes and is wall-mountable if table space is a problem

pH Range	-2.000 to 20.000
pH Resolution	0.1, 0.01, 0.001
pH Relative Accuracy	±0.002
mV Range	±2000.0
mV Resolution	0.1
mV Relative Accuracy	± 0.2 mV or $\pm 0.05\%$ of reading whichever is greater
Temperature Range	-5 to 105
Temperature Resolution	0.1
Temperature Relative Accuracy	±0.1
Inputs	BNC, reference pin, 8-pin mini-DIN, stirrer port
Battery Life	2000 hours
Certifications	CE, TUV, FCC Class A limits
Warranty	3 year meter replacement

ltem No.	Description	Mfg Item No.	Qty Break	Your Cost
3801-15	pH Benchtop Meter only	StarA2110	1	1,023.17
			2+	901.88
3801-16	pH Benchtop Meter Kit	StarA2115	1	1,197.86
	includes:		2+	1,048.13
	Ross Ultra Triode Refillable Electrode (Weber # 3802-12)	8302BNUMD		
	pH 4.01 Buffer (475 mL)	910104		
	pH 7.00 Buffer (475 mL)	910107		
	pH 10.01 Buffer (475 mL)	910110		
	pH electrode storage solution	810001		
	Electrode cleaning solution (4 x 30 mL)	900023		
	Swing arm			
3801-20	pH Benchtop Meter Kit	StarA2116	1	1,439.29
	includes:		2+	1,259.38
	ROSS Ultra Triode epoxy-body pH/ATC electrode	8157BNUMD		
	ROSS pH buffer and solution kit	810199		

Orion Lab Star PH111 Series pH/mV Benchtop Meters (Thermo Scientific)

Simplify your pH and ORP sample measurements.

Measure pH or ORP simultaneously with mV and temperature. Featuring a large, backlit display for easy viewability and small footprint to save bench space, this pH meter is ideal for simplified, budgetfriendly lab testing. Use the onscreen stabilizing and ready indicators to help



identify when pH meter and ORP meter readings are complete. View active pH, ORP and temperature calibration logs with date and time stamp, record key measurements using the 500-point data log with date and time stamp and output all logs to a printer or computer.

- Comes with a stand that helps facilitate electrode movement.
- On-screen icons indicate measurement stability statuses, giving you greater confidence in your readings.
- Simultaneously read pH, mV and temperature with a stand that helps facilitate electrode movement into and out of samples.
- Perform one- to five-point pH calibrations
- Calibrate using automatic buffer recognition or manual entry within the same calibration
- Complete one-point ORP calibration using a custom or Orion ORP standard
- View an electrode condition icon to determine the status of your pH electrode
- Review pH, ORP and temperature calibration logs with date and time stamps

pH Range	-2.000 to +18.000
pH Resolution	0.001, 0.01, 0.1
pH Accuracy	±0.005, ±1 LSD
pH Calibration Points	1 to 5 points
mV Range	±2000.0
mV Resolution	0.1 mV
mV Accuracy	± 0.2 or $\pm 0.05\%$, whichever is greater
ORP Range	±2000.0 mV with ±250 mV offset
ORP Calibration Points	1 (ORP)
Temperature Range	23.0°F to 221.0°F
Temperature Resolution	0.1°C, 0.1°F
Temperature Accuracy	±0.3°C/±0.5°F
Inputs	BNC, 8-pin mini-DIN
Power Requirements	Universal 100-240 V 50/60 Hz
Certifications/Compliance	CE, TUV 3-1, FCC Class A
Warranty	3 year meter warranty

Item No.	Description	Mfg Item No.	Qty Break	Your Cost
3801-26	pH Benchtop Meter only	LSTAR1110	1	622.14
			2+	544.38
3801-27 *	pH Benchtop Meter Kit	LSTAR1115	1	852.43
	includes:		2+	745.88
	Orion Triode Refillable Electrode (Weber # 3802-17)	9157BNMD		
	pH 4.01 Buffer (475 mL)	910104		
	pH 7.00 Buffer (475 mL)	910107		
	pH 10.01 Buffer (475 mL)	910110		
	pH electrode storage solution	910060		
	Electrode cleaning solution (4 x 60 mL)	900024		

* Electrode included with this kit is not recommended for use with dairy. See page 113 for dairy specific electrodes.



Benchtop pH Meter 5500

/EBER SCIENTIFIC

Offers superior value and performance at an economical price. The large display makes measurements easy to read. The splash-resistant membrane keypad provides easy calibration and operation.

Two point calibration is quick and easy with automatic buffer recognition of two buffer sets (4.01, 7.00, and 10.01; or 4.00, 6.86 and 9.18).The automatic lock mode notifies the user when the reading has stabilized and will hold the reading. Temperature compensation is automatic when either the 3-in-1

probe (included) or a separate ATC probe is used. Inputs include BNC for electrode, 8-pin DIN for temperature probe, pin plug for reference pH, and AC input. The meter can operate on AC power or

batteries. **Key Features**

- Giant LCD with 16mm character size
- Auto-block mode
- 3-in-1 probe and swing-arm stand included with purchase of meter
- ~50 hour battery life

Specifications

pH Range	-6.00 to 20.00
pH Resolution	0.01
pH Relative Accuracy	+/-0.01 +/-1LSD
mV Range	±2000.0
mV Resolution	1.0
mV Relative Accuracy	+/-0.05% FS +/- 1LSD
Temperature Range	-10.0 to 120.0°C
Temperature Resolution	0.1°C
Temperature Relative Accuracy	+/-0.5°C
pH Buffer Recognition	(4.01, 7.00, 10.01) or (4.00, 6.86, 9.18)
pH Electrode Offset Recognition	±90 mV at pH 7.00 or 6.86
pH Electrode Slop Recognition	±30% at pH 4.00, 4.01, 9.18, or 10.01
Calibration Backup	EEPROM
ATC Probe	Thermistor, 10k ohm at 25°C
RS-232 communication	Base Rate 9600

Item No.	Description	Unit of Measure	Your Cost
JCO6173KBA	5500 pH Meter Includes: meter; electrode stand; and pH/temperature probe		324.04
JCO6000P	Replacement Electrode 3-in-1 pH/Reference/ATC Temperature	Each	55.57



Find the Orion Versa Star® Series Benchtop pH Meter at weberscientific.com

Orion Star® A220 Series Portable pH Meter (Thermo Scientific)

- Up to 5 point pH calibration with automatic recognition for USA/NIST and DIN buffers
- AUTO-READ[®] locks in the stable reading on your screen, ready indicator alerts when readings are stable and timed reading gathers data in specific time intervals
- The large, backlit graphic LCD display shows pH/mV/RmV and temperature along with electrode status, time, date and calibration points
- Plain language screen prompts, soft keys that update for easy selection and a multilanguage interface
- Fix calibration errors without a complete recalibration with calibration editing
- Non-volatile memory holds up to 1000 data points with time and date stamp
- Easily transfer data and keep meter software up-to-date with the USB and RS232 ports and complimentary data analysis software
- · Mix samples without a stir plate with direct control of the Orion Star stirrer probe (096019, sold separately)
- Included electrode arm and newly-designed probe holder make it easier to maintain and place probes into samples
- Perfectly portable, waterproof and protected to take anywhere with a IP67-rated housing

Specifications	
pH Range	-2.000 to 20.000
pH Resolution	0.1, 0.01, 0.001
pH Relative Accuracy	±0.002
mV Range	±2000.0
mV Resolution	0.1
mV Relative Accuracy	± 0.2 mV or $\pm 0.05\%$ of reading whichever
	is greater
Temperature Range	-5 to 105
Temperature Resolution	0.1
Temperature Relative Accuracy	±0.1
Inputs	BNC, reference pin, 8-pin mini-DIN
Output	RS-232, USB
Power Requirements	Four AA batteries included (AC adaptor sold separately) Item number 1068-22 800 hours
Certifications	CE, TUV, FCC Class A limits
Warranty	3 year meter replacement

Item No.	Description	Mfg Item No.	Qty Break	Your Cost
3801-18	pH Portable Meter only	StarA2210	1	689.93
			2+	603.69
3801-19	pH Portable Meter Kit	StarA2215	1	1,355.71
	includes:		2+	1,194.04
	Ross Triode gel-filled epoxy-body waterproof	8107UWMMD		
	electrode (Weber #3808-76)			
	pH 4.01 Buffer (10 pouches)	910410		
	pH 7.00 Buffer (10 pouches)	910710		
	pH 10.01 Buffer (10 pouches)	911010		
	pH electrode storage solution	810001		
	Electrode cleaning solution (10 pouches)	911110		



pH DETERMINATION 102

WEBER EXCLUSIVE 🕅 FIRST CASE UPGRADE 🔶 HAZARDOUS MATERIALS 🛛 💥 SHIPS ON ICE

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Waterproof pH & ISE 450 Portable Meter with Electrode (Oakton)

The meter offers pH, ISE, and temperature in an IP67-rated waterproof housing, making it ideal for the manufacturing floor, field testing, and the laboratory. The large, backlit LCD lets you view the main measurement simultaneously with temperature and calibration data with % slope. Calibrate pH and ISE with up to six points from USA, NIST, DIN, and custom pH buffers. Automatic temperature compensation (ATC) ensures measurement accuracy even in fluctuating temperatures. Select temperature reading from degree C or degree F to suit your application.

Specifications	
pH range:	-2.00 to 16.00 pH
pH resolution:	0.01 pH
pH accuracy:	±0.01 pH
mV range:	±2000
mV resolution:	0.1 to 1
mV accuracy:	±0.2
Temperature range:	-10 to 110 °C
Temperature resolution:	0.1°C
Temperature accuracy:	±0.5°C
Warranty:	Three year for meter, six months for probe.

ltem No.	Description	Your Cost
3801-76	Waterproof pH & ISE 450 portable meter with electrode	826.29
3814-23	Replacement "All-in-One" Electrode waterproof with single junction and epoxy body	147.82
3801-80	Optional Temperature Probe	75.43



pH 5+ Hand-Held Meter (Oakton)

High ± 0.01 pH accuracy at economical prices

- Reads pH and temperature
- All push button operation

.

- Auto buffer recognition
- Use with most pH electrodes with BNC connectors
- Hold function; Auto-off
- Automatic Temperature Compensation (ATC)
 Three-point pH
- des calibration
 - Includes (4) 1.5 V AA batteries

The microprocessor-based pH 5+ meter is OAKTON's most economical portable pH meter, yet it gives you the same high accuracy and reliability of other portable meters! Use this meter to take routine pH and temperature measurements. Meter includes a protective rubber boot that also acts as a meter stand.

Specification	рН	Temperature
Range	0.00 to 14.00	0.0 to 100.0°C
Resolution	0.01	0.1°C
Accuracy	±0.01	±0.5°C
Calibrations	5 points (1.68, 4.01, 7.01, 10.01, 12.45)	Offset 0.1°C increments

Item No. Description		Your Cost	
3815-24	pH 5+ Meter with ATC probe, rubber boot, and batteries. Purchase electrode separately. 6 3/16" x 3 3/8" x 1 11/16" (15.7 x 8.5 x 4.2 cm)	363.80	
3815-25	3815-25 pH 5+ Meter with single-junction, sealed, epoxy-body electrode, ATC probe, rubber boot, and batteries		
3815-26	pH 5+ Meter kit with "All-in-one" pH electrode, pH buffer solutions, sample bottles, rubber boot, batteries, and carrying case	503.90	
Item No.	Description	Your Cost	
3815-33 ATC probe		63.88	
2015 21 nH electrode single junction energy body cooled		55 20	

2012-22	ATC PIODE	
3815-31	pH electrode, single junction, epoxy body, sealed	55.28
3815-28	All-in-one pH electrode, single junction, epoxy body, sealed	123.76
3815-29	All-in-one pH electrode, double junction, epoxy body, sealed	180.54

800-328-8378

ACCESSORIES: FOR pH METERS

pH DETERMINATION

More pH Electrodes see pages 109 - 113.



pH Determination

INNOVATIVE

PRODUCT

..

edge[®] Tablet pH Meter Kit (Hanna Instruments)

A pH meter with the power of a tablet

- The design works well in your hand, on a lab bench or mounted on a wall
- Just 1/2" thick and weighs less than 9 ounces
- Wide viewing angle and 5.5" LCD screen
- Sensitive capacitive touch keypad
- Powerful data logging and computer connectivity
- Digital electrodes have a built in microchip and are auto-recognized, providing sensor type, calibration data and a serial number
- Electrodes connect to the meter with an easy to plug-in 3.5mm connector (all electrodes are specific to this tablet meter)
- Electrodes feature CAL-CHECK® to warn you if the electrode you are using is not clean or if your buffers are contaminated during calibration.
- Stored pH calibration information includes: calibrated buffers, date, time, offset and slope characteristics of the electrode
- Rechargeable 8 hour life battery charges through USB port cable or power adaptor (both included)

Item No.	Mfr Item No.	Description	Cost
3804-55	HI2020-01	pH kit includes Single ceramic, double junction, high temperature glass, refillable pH electrode with double junction (Weber #3804-56)	501.80
		 Benchtop docking station with electrode holder, wall-mount cradle, USB cable, 5 VDC power adapter and instruction manual 2 sachets of pH 4 buffer solutions 	
		 2 sachets of pH 7 buffer solutions 	
		 2 sachets of pH 10 buffer solutions 	
		 Electrode cleaning solutions 	
		Quality certificate	

Item No.	Mfr Item No.	Description	Your Cost
3804-56	HI11310	Single ceramic, double junction, refillable pH electrode with temperature sensor	180.88
3804-57	7 HI11311 Single ceramic, double junction, 2 refillable pH electrode with temperature sensor and matching. Features Sensor Check which will notify you of glass breakage.		204.23
3804-58	HI12300	Double junction, gel filled, PEI body, pH electrode with temperature sensor	135.43
3804-59	HI12301	PEI body, double junction, gel filled pH electrode with temperature sensor and matching pin	147.21
3804-60			227.57
3804-61	HI10430	Single ceramic, double junction, high temperature glass, refillable pH electrode with double junction Recommended for paints, solvents, strong acids and bases, high conductivity samples, and Tris buffer	238.94



Models	3804-55 and 3804-62
Range	standard mode: -2.00 to 16.00 pH, -2.000 to 16.000 pH; ±1000 mV; basic mode: -2.00 to 16.00 pH; ±1000.0 mV
Resolution	standard mode: 0.01 pH; 0.001 pH; basic mode: 0.1 mV
Accuracy	±0.01 pH; ±0.002 pH; ±0.2 mV
Calibration Points	5 in standard mode; 3 in basic mode
Calibration Buffers	standard mode: 1.68, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45 and two custom buffers basic mode: 4.01, 6.86, 7.01, 9.18, 10.01
Temperature Compensation	ATC (-5.0 to 100.0°C; 23.0 to 212.0°F)
Electrode Diagnostics	standard mode: probe condition, response time and out of calibration range, glass and reference junction diagnostics (HI 11311 & HI 12301 only)
Temperature	
Range	-20.0 to 120.0°C; -4.0 to 248.0°F
Resolution	0.1°C; 0.1°F
Accuracy	±0.2°C; ±0.4 °F
Additional Specifications	
Logging	stores up to 1000 records: 200 records (log-on-demand and stability logging); 600 records interval logging
Connectivity	1 USB port for storage; 1 micro USB port for charging and PC connectivity
pH Electrode (included)	glass body pH electrode with 1/8"(3.5mm) 4. conductor connector and 1 m (3.3') cable
Environment	0 to 50°C (32 to 122°F); RH max 95% non- condensing
Power Supply	Rechargeable 8 hour life battery charges with USB cable or 5 VDC adapter (both included)
Dimensions	202 x 140 x 12.7mm (8″ x 5.5″ x 0.5″)
Weight	250 g (8.82 oz.)
Warranty	Two years on the meter and six months on the electrodes

Wine, Dairy and Food Electrodes for edge[™] Tablet pH Meter Kit available at **weberscientific.com**

Portable pH Meters





edge[®] blu Bluetooth[®] Smart pH Electrode and Meter (Hanna Instruments HI2202)

Bluetooth connectivity, extreme portability

edge blu enables the user to make fast, accurate pH measurements wirelessly using the Hanna HALO[™] Bluetooth digital sensor. Each HALO[™] probe has a unique serial number. Once connected to the meter, the probe is ready to measure pH along with temperature.

The user interface permits you to adapt edge blu to your exact measurement requirements. The intuitive design simplifies configuration, calibration, measurement, data logging and transfer of data to a USB thumb drive or computer. edge[®] blu also offers a basic operation mode that streamlines measurement configuration and is useful for many routine applications.

edge blu is versatile in many ways. The slim meter and probe can be used as a portable device (using its rechargeable battery) or used in its bench or wall cradle (that also powers the meter) as a line-powered laboratory instrument.

- · Bluetooth connectivity, extreme portability
- Internal clock and date
- Adjustable pH resolution
- Dedicated GLP key, GLP data included with logged data
- Basic mode for simplified operation
- Simplified data transfer to a PC
- Up to 8 hour battery life when used as a portable device
- Connection range: 10 m (33')

Item No. Mfr. Item No. Description

3804-62	HI2202	edge® blu Bluetooth® includes HI11102 glass body, gel filled pH electrode with temperature sensor	536.80
		Benchtop docking station with electrode holder, wall-mount cradle, USB cable, 5 VDC power adapter and instruction manual	
		 2 sachets of pH 4 buffer solutions 	
		 2 sachets of pH 7 buffer solutions 	
		 2 sachets of pH 10 buffer solutions 	
		 Electrode cleaning solutions 	
		Quality certificate	



Portable Food & Dairy and Meat pH Meters (Hanna Instruments)

Choose a meter to meet your specific application

Food & Dairy pH Meter

Designed to bring simplicity to pH testing of food and dairy products. The specialized probe features a Polyvinylidene Fluoride (PVDF) body, conical tip, and open junction making it ideal for direct measurement of semi-solid foods.

- The open junction design reduces clogging from suspended solids and proteins found in food and dairy products for a more stable pH measurement and reduced maintenance.
- The conical shaped tip design allows for penetration into solids, semi solids, and emulsions for the direct measurement of pH in a variety of food products. Low Temperature (LT) glass is used for quicker results at lower temperatures.
- Includes cleaning solution that has been engineered to keep your electrode free from oils and solids found in food products. This concentrated combination of detergents cleans your meter quickly and effectively so that your meter stays in optimum condition.

Meat pH Meter

Designed to bring simplicity to pH testing of meat products and engineered to withstand the tough environment of meat processing plants. The specialized probe features a Polyvinylidene Fluoride (PVDF) body, conical tip with stainless steel blade, and open junction making it ideal for the measurement of pH in meat processing.

- The open junction design reduces clogging from materials found in meat products for a more stable pH measurement and reduced maintenance.
- The conical shaped tip design allows for direct penetration into meat and meat products. The stainless-steel blade is razor sharp for easy piercing into meat and other semi-solids while protecting the glass bulb.
- Includes cleaning solution that has been engineered to keep your electrode free from oils and proteins found in meat and meat products.

Item No.	Mfr. Item No.	Description	Your Cost
3804-40	HI99161	Dairy and Cheese pH Meter Kit	524.37
3804-45	HI99163	Meat pH Meter Kit	524.37
3804-42	FC2023	Replacement Probe for 3804-40	222.01
3804-47	FC2323	Replacement Probe for 3804-45	273.25

Find Hanna Instruments HALO®

Wireless pH Meters for Foodcare, Beer, Wine and Water at **weberscientific.com**



Visit: weberscientific.com

Your Cost

pH Determination



Foodcare Cheese, Milk and Meat pH Testers (Hanna Instruments)

Cheese pH Tester

EBER SCIENTIFIC

Designed to bring simplicity to pH testing during the cheese making process, the Cheese pH Tester is designed for direct measurement. The built-in probe features open junction, low temperature conical glass tip, and food safe PVDF body making it ideal for measuring the pH of almost all types of cheeses and curds.

Milk pH Tester

Designed to bring simplicity to pH testing during milk processing, the Milk pH Tester is engineered to withstand the tough environment of milk processing plants. The built-in probe features an open junction, conical glass tip, and glass body making it ideal for measuring the pH of milk during processing.

Meat pH Tester

Designed to bring simplicity to pH testing of meat, the Meat pH Tester is engineered to withstand the tough environment of meat processing plants. The built-in probe features an open reference junction, conical glass tip, and a removable sleeve design making it ideal for measuring the pH of meat.

Each pH Tester is supplied with:

- pH 4.01 buffer solution liquid sachet (2 pcs.)
- pH 7.01 buffer solution liquid sachet (2 pcs.)
- Cleaning solution (2 pcs.)
- Electrode storage solution, 13 mL dropper
- Instruction manual
- Quality certificate

Specifications for Cheese, Milk and Meat pH Testers				
pH Range	0 to 14.0 pH			
pH Resolution	0.1 pH			
pH Accuracy (@25°C/77°F)	±0.2 pH @ 25 °C (77 °F)			
pH Calibration	Automatic, at one or two points			
pH Temperature Compensation	none			
Automatic Shut-Off	8 minutes, 60 minutes, or can be disabled			
Battery Type / Life	CR2032 Li-ion / Approximately 1000 hours of			
	continuous use			
Environment	0 to 50 °C (32 to 122 °F); RH 95% max			
Dimensions	51 x 151 x 21 mm (2 x 5.9 x 0.9")			
Weight	44 g (1.6 oz.)			
Warranty	1 year			

Item No.	Mfr Item No.	Description	Your Cost
3804-34	HI981032	Cheese pH Tester	164.87
3804-35	HI981034	Milk pH Tester	164.87
3804-36	HI981036	Meat pH Tester	164.87

Test Tube pH Pen (Sper Scientific)

Fits standard test tubes 16 x 50 mm or larger.

Highly stable and accurate readings with a large LCD display. Designed for simple one-hand operation. Automatically calibrates to pH 4, 7 and 10 buffers and can be adjusted to recognize non-standard buffers as well. Features hold function and auto power off with low battery indicator. The case is IP65 waterproof and will float if accidentally dropped into the water. Comes with 2 button-cell batteries and a built-in electrode kept moist with a protective cap.

Dimensions: $9\frac{1}{4}'' \times 1\frac{1}{4}'' \times 1''$ (245 × 35 × 22 mm) Probe: 5" × ½" (120 mm × 12 mm) Weight: 2.5 oz (71 g)

ltem Number	3806-57	3806-58
Range:	0 to 14	0 to 14
Resolution:	0.01	0.01
Accuracy:	±0.2	±0.1
Auto 3pt Calibration:	1	1
IP65 Waterproof:	1	1
Indicates Low Battery:	1	1
Auto Power Off:	1	1
Auto Buffer Recognition:	1	1
Hold:	1	1
Auto Temp Compensation:	1	1
°C & °F Display:		1

Item No.	Mfr. Item No.	Description	Your Cost
3806-57	850062	Test Tube pH Pen	54.66
3806-58	850063	Test Tube ATC pH Pen	57.33

Checker[®] pH Tester (HANNA HI98103)

The pH Checker® series supplies users with fast and accurate readings from 0 to 14 pH with a resolution of 0.01 pH. This compact pH meter features an easy-to-read LCD and simple to perform two-point calibration. The pH electrode of the Checker® can be easily replaced. You only need to unscrew the electrode from the meter body and screw on a new one. The Checker® is fast, accurate, lightweight and with 3000 hours of battery life, you no longer have to worry about frequent battery replacement.

pH Range	0.00 to 14.00 p			
pH Resolution	0.01 pH			
pH Accuracy	±0.2 pH			
Calibration	manual, two p	manual, two points		
Battery Type/Life	1.5V (2) / appro of continuous			
Environment	0 to 50°C (32 to			
Dimensions	66 x 50 x 25 m without probe			
Weight	50 g (1.8 oz.) - without probe		9	
			19702	
Item No.	Mfr. Item No.	Description	Your Cost	
3806-81	HI98103	Checker [®] pH Tester	38.01	

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Pocket pH Meters

ExStik™ Pocket pH Meter (Extech PH100)

Waterproof flat surface electrode works with liquids, semi-solids or solids!

- This pocketsize meter has many advanced features:
 Simultaneous temperature display with a range of 23° to 194°F (-5 to 90°C).
- The flat electrode tests as little as one drop and allows for a wide range of direct surface pH measurement.
- Memory stores and recalls 15 labeled readings and saves last calibrated value.
- Analog bargraph originates at neutral point (pH 7) and fluctuates to the left or right depending upon pH value.



- Smart chip alerts user to recalibrate with "CAL" display, and predicts pH electrode performance with "RENEW" indicator when replacement is needed.
- Display indicates when reading has stabilized.

• Annunciator lists buffer values of last calibration. Complete with protective sensor cap, sample cup, includes four CR2032 lithium ion batteries; replacement **3039-51** and neck-strap.

Specifications

specifications	
Range	0.00 to 14.00
Resolution	0.01
Accuracy	±0.01
Replaceable Electrode	Yes
Waterproof/Splash Resistant	Waterproof
Calibration Button	Yes—3 pts
Hold Button	Yes
Battery Life	Long-life
Auto-Off	Yes
Size, inches/mm	6.8″ x 1.5″; 173 x 38 mm
Warranty	One year

		Your
Item No.	Description	Cost
3805-70	Waterproof	148.28
3805-71	Replacement Electrode for 3805-70	86.92



Refillable ExStik[®] Pocket pH Meter (Extech PH110)

Has all the same features as the PH100 (**3805-70**) but with a refillable pH electrode that can be reused by refilling the reference solution once it depletes. This allows for continuous high accuracy using fresh reference solution, and eliminates the concern of electrode shelf life. Refilling is fast and easy.

Specifications		
Range	0.00 to 14.00	
Resolution	0.01	
Accuracy	±0.01	
Replaceable Electrode	Yes	
Waterproof/Splash	Waterproof	
Resistant		
Calibration Button	Yes—3 pts	
Hold Button	Yes	
Battery Life	Long-life	
Auto-Off	Yes	
Size, inches/mm	6.8″ x 1.5″;	
	173 x 38 mm	

Item	Your
No.	Cost
3805-72	219.67
Refillable electrode	

Replacement Electrode for 3805-72 (Extech PH115)

Item	Your
No.	Cost
3805-74	94.01

Reference Refill Solution

for 3805-72 (Extech PH113) Includes 1.5mL bottle KCl, 2 reference junctions and 2 removal tools.







PAL-pH Digital Hand-held Pocket pH Meter (Atago)

Featuring a handheld design, this digital pocket pH meter is a droplet type pH meter. It only needs a small amount of sample to operate and is widely used in many industries for different purposes, including food, beverages, chemical, biological, environmental, forensics and consumer products.

- Unbreakable glass electrode
- Uses the conductivity method of measurement. No costly reagents required.
- Measure with just 3 drops.
- Easy to clean flat sample stage
- Unconsumable KCL
- NFC reader function
- Saves past readings

0.00 to 14.00
0.01
±0.1
Calibration at 3 points at 4.01, 6.86, 9.18
10 to 40°C
0.6mL
Size AAA alkaline battery × 2

Item No.	Mfr. Item No.	Your Cost
3806-60	4311	400.00



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pH Determination

7.01

pHTestr[®] 50S Spear-Tip Waterproof Pocket Tester (Oakton)

Large electrode junction makes clogging virtually impossible

- Replaceable double junction spear sensor
- Easy-to-navigate interface for quick setup and calibration
- IP67-rated housing is waterproof

The Oakton pH 50S Spear Waterproof Pocket pH Testr[™] with its unique junction design provides increased electrolyte flow, resulting in greater contact between sample and reference, ensuring fast, stable readings. The electrode junction is 200 times larger than standard electrodes, making it virtually impossible to clog. Rugged spear tip makes it ideal for soft solids and semisolid materials like meats, cheeses, and fruit. The long, thin electrode can be used to determine pH in test tubes, micro tubes and other narrow containers. Additional features include a hold function, auto-off function, self-diagnostic error messages, and a three-segment battery-life indicator.

Range	-1 to 15 pH
Resolution	0.01 pH
Accuracy	±0.01 pH
Calibration	Up to three points
ATC	Yes
Temperature	32 to 140°F (32 to 140°F)
Waterproof/Dustproof (IP67)	IP67-rated
Power	4 AAA batteries
Battery life	250 hrs

ltem	Mfr	Description	Your
No.	Item No.		Cost
3806-37	35634-25	pHTestr 50S Spear Waterproof Pocket Tester	528.43

Waterproof pHTestrs[™] (Oakton)

Large screen pHTestrs have replaceable sensors for easy maintenance. Double-junction electrode sensors offer a clog-resistant Kynar® junction and a recessed, glass pH bulb to protect against breakage. Waterproof design even floats. The keypad clicks to confirm operation, and allows access to a variety of functions. Calibrate up to three pH points with the auto-buffer recognition at both USA and NIST standard buffers. Additional features include an Automatic Temperature Compensation (ATC) hold function, auto-off function, self-diagnostic error messages, and a three-segment battery life indicator. pHTestr 30 displays both the pH and temperature simultaneously. Temperature is switchable between °F and °C. Includes four LR44 button cell batteries; replacement #3029-60. One year warranty.

Item No.	3806-35	
Range	0.00 to 15.0	
Resolution	0.01	
Accuracy	±0.01	
Replaceable Electrode	Yes	
Waterproof/Splash Resistant	Waterproof	
Calibration Button	Yes—3pts	
Hold Button	Yes	
Battery Life	>500 hr	
Auto-Off	Yes	
Size, inches/mm	6.5 x1.5″	
	165x38mm	



ltem No.	Mfr Item No.	Description	Your Cost
3806-35	35364-30	pHTestr 30, 0.01 pH resolution with temperature display	139.05
3806-40	35624-38	replacement electrode for pHTestrs™	71.83

Waterproof Large Display pH Pen (Sper Scientific)

Highly stable and accurate readings with large LCD display. Designed for simple one-hand operation. Automatically calibrates to pH 4, 7, 10 buffers and can be adjusted to recognize non-standard buffers as well. Features hold function, and auto power off with low battery indicator. The case is IP65 waterproof, and will float if accidentally dropped into the water. Includes four LR44 button cell batteries; replacement #3029-60 and a builtin electrode which is kept moist with a protective cap. One year warranty.



Item No.	3806-70	3806-72
Range	2.00 to 12.00	0.00 to 14.00
Resolution	0.1	0.1
Accuracy	±0.3	±0.2
Replaceable Electrode	No	No
Waterproof/ Splash Resistant	Waterproof	Waterproof
Calibration Button	Yes—3pts	Yes—3pts
Hold Button	Yes	Yes
Battery Life	>500 hr	>500 hr
Auto-Off	Yes	Yes
Size, inches/mm	6.5 x1.5″ 165x38mm	6.5 x1.5″ 165x38mm
ltem Mfr		Your
No. Item No.	Description	Cost

Item	Mfr		Your
No.	Item No.	Description	Cost
3806-70	850050	non-ATC	48.57
3806-72	850051	ATC	57.26

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Triode™/All in One, Electrodes

Ag/AgCl internal reference system and built-in thermistor for Automatic Temperature Compensation (ATC).



ROSS Ultra® pH/ATC Triode Electrode (Orion Star Series 8107BNUMD)

Epoxy body and low maintenance gel; BNC-MiniDIN

Recommended use: May be used where metallic reference electrodes would contaminate the sample as well as samples that contain TRIS, sulfides or proteins. Capillary Junction. Manufactured for Orion Star Series. 24 mo. warranty.



AquaPro ATC Triode[™] pH Electrode (Orion 9107APMD)

Low maintenance sealed non-refillable; Waterproof BNC (MiniDIN ATC) One year warranty.

Recommended Use: Open junction for rugged and low maintenance applications such as environmental and field-testing.

Item No.	Qty Break	Your Cost
3808-65	1	363.07
	2+	322.69



Triode[™] 3-in-1 pH/ATC Probe Epoxy pH Electrode

(Orion 9157BN)

Refillable; BNC/DIN Recommended Use: Routine pH. Ideal for field or plant use. Use with Orion 210, 230, 250, 410, 420, 520, 525, 710, 720, 920 A Series and A+ Series Meters.

Item No.	Qty Break	Your Cost
3802-20	1	471.72
	2+	421.02



Triode[™] 3-in-1 pH/ATC Probe Epoxy pH Electrode

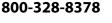
(Orion 9107BN)

Sealed non refillable; BNC/DIN Six month warranty.

Recommended Use: Routine pH. Ideal for field or plant use. Portable, little or no maintenance needed.

Use with Orion 210, 230, 250, 410, 420, 520, 525, 710, 720, 920 A Series and A+ Series Meters.

Item No.	Qty Break	Your Cost
3802-05	1	325.93
	2+	290.69





ROSS® Triode™ Ultra pH/ATC Glass pH Electrode (Thermo Orion 8302BNUMD)

Refillable; BNC-MiniDin

Recommend use: General purpose pH where long-life is a must. Ultra means double the life and double the warranty.

Item No.	Qty Break	Your Cost
3802-12	1	735.43
	2+	672.21



Triode™ pH/ATC Epoxy pH Electrode (Thermo Orion 9107BNMD)

Sealed non-refillable gel; BNC-MiniDin

Recommend use: Lower maintenance routine pH.

Item No.	Qty Break	Your Cost
3802-14	1	341.72
	2+	303.40



Triode™ pH/ATC Epoxy pH Electrode (Thermo Orion 9157BNMD)

Refillable; BNC-MiniDin

Recommend use: Routine pH.

Not recommended for use with dairy products, not for proteins.

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Item No.	Qty Break	Your Cost
3802-17	1	475.42
	2+	423.94



All-in-One, Gel Filled, Epoxy pH Electrodes (Oakton 35811-71/72)

Sealed non-refillable; BNC/phono Six month warranty. Recommend Use: Economical general purpose electrode. For use with newer Oakton meters.

Item No.	Description	Your Cost
3815-28	Single-junction	123.76
3815-29	Double-junction	180.54

Visit: weberscientific.com

pH DETERMINATION



pH Determination

ATC Probes

Compensation ATC probes transmit a signal to the pH meter, which automatically corrects pH measurements for variation in electrode slope due to temperature change



MiniDIN

Recommended Use: ATC probes have an extremely durable body and are ideal for food samples, organic solvents and rugged environments. The probe has an 8 pin MiniDIN connector and is designed for use with the Orion Star series meters.

Item No.	Your Cost
3802-98	463.36

Double Junction, Epoxy Electrodes



AquaPro Flat Surface Epoxy pH Electrode (Orion 9135APWP)

Low maintenance sealed non-refillable; Waterproof BNC

Recommended Use: Moist surfaces such as meat, cheese or agar gel. Open junction for rugged and low maintenance applications such as environmental and field-testing.

Item No.	Qty Break	Your Cost
3808-60	1	503.28
	2+	447.96



ROSS Sure-Flow Epoxy pH Electrode (Orion 8165BNWP)

Refillable; Waterproof BNC

Recommended Use: May be used intermittently in some organics. Polar organic compounds should be strictly avoided. Field pH measurement where stability and high performance is desired, on-site soil pH.

Easy to clean junction never clogs. A sleeve protects the pH sensing bulb and is removable for easy cleaning.

Item No.	Qty Break	Your Cost
3802-60	1	655.57
	2+	598.76

Thermo Proventional

ROSS Ultra® Flat Surface Epoxy pH Electrode (Orion 8135BNUWP)

Refillable; BNC; Waterproof

Recommended Use: pH of soft, moist surfaces both solid and semi-solid such as agar gel plates, meats, bread dough, and similar samples. Small samples in micro sample dish.

Item No.	Qty Break	Your Cost
3802-79	1	764.22
	2+	668.69



ROSS Ultra® Epoxy pH Electrode (Orion 8156BNUWP)

Refillable; BNC; Waterproof

Recommended Use: General purpose when precise pH determination is required.

Item No.	Qty Break	Your Cost
3802-78	1	624.93
	2+	591.07



ROSS Flat Surface Epoxy pH Electrode (Orion 8135BN)

Refillable; BNC

Recommended Use: pH of soft, moist surfaces both solid and semi-solid such as agar gel plates, meats, bread dough and similar samples. Small samples in micro sample dish.

Item No.	Qty Break	Your Cost
3802-55	1	662.07
	2+	603.91



Double Junction, Epoxy, Gel Filled pH Electrode

(Oakton 35805-01)

Sealed-non-refillable; BNC One year warranty.

Recommended Use: For most applications, including dirty water, heavy metals and organics applications.

Item No.	Your Cost
3808-05	106.64

Double Junction, Glass Electrodes



ROSS Sure-Flow Glass pH Electrode (Orion 8172BNWP)

Refillable; Waterproof BNC

Recommended Use: General purpose, superior performance ideal for dirty, difficult samples such as soils, sludges, colloids, viscous materials and organics. Detachable bulb guard included. Easy to clean junction never clogs.

Item No.	Qty Break	Your Cost
3802-64	1	670.43
	2+	611.62



ROSS™ Ultra Glass pH Electrode

(Orion 8104BNUWP)

Refillable; Waterproof BNC

Recommended Use: Toughened bulb for rugged lab use and precise Q.C. measurements.

Item No.	Qty Break	Your Cost
3802-40	1	1,021.43
	2+	899.21



ROSS Ultra Glass pH Electrode (Orion 8102BNUWP)

Refillable; Waterproof BNC

Recommended Use: Precise pH determinations. General purpose, top performance combination electrode. Ideal for Q.C. and research applications.

Item No.	Qty Break	Your Cost
3802-45	1	670.43
	2+	598.47



Double Junction, Glass Body, Spear Tip pH Electrode (ASI H012-0001)

Sealed-non refillable; BNC

Recommended Use: Ideal for testing semisolids and gels. One year warranty from date of manufacture.

Item No.	Your Cost
3808-14	160.90

Single Junction, Epoxy Electrodes



Sure-Flow Epoxy pH Electrode

(Orion 9165BNWP)

Refillable; Waterproof BNC

Recommended Use: General purpose, ideal for dirty, difficult samples such as soils, sludges, colloids, viscous solutions. Detachable bulb guard included. Easy to clean junction never clogs. Ag/AgCl internal reference system.

Item No.	Qty Break	Your Cost
3802-35	1	373.29
	2+	326.63

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pH Electrode

(Orion 9156BNWP)

Recommended Use: Routine pH for field, school or lab use.

Item No.	Qty Break	Your Cost
3802-75	1	220.07
	2+	196.54



Single Junction, Flat Surface, Epoxy pH Electrode (ASI H028-0001)

Sealed-non refillable; BNC

Recommended Use: Ideal for flat surface measurements. One year warranty from date of manufacture.

Item No.	Your Cost
3808-25	115.20

Gel Filled Flat Surface Epoxy pH Electrode (Orion 913600)

Thermo

Sealed-non refillable; BNC

Recommended Use: Routine pH for food, agar gel plates. The sealed reference section is permanently filled with a KCl gel.

Not recommended for use with dairy products, not for proteins.		
Item No.	Qty Break	Your Cost
3802-10	1	313.86

2 +

DI Water see page 57. Wash Bottles see page 83.

279.06

111



pH Determination

1

Gel Filled Epoxy pH Electrode (Oakton 35801-00)

Sealed-non refillable; BNC One year warranty.

Recommended Use: Economical electrode for field, clean water, and general purpose applications.

OAKION

Item No.	Your Cost
3815-31	55.28

Single Junction, Electrodes



Waterproof pH Electrode (Orion 9102BNWP)

Refillable; BNC

Recommended Use: General purpose pH for accurate Q.C. and research applications.

Item No.	Qty Break	Your Cost
3802-80	1	290.64
	2+	270.56



Flow pH Electrode (Orion 9172BNWP)

Refillable; Waterproof BNC

Recommended Use: General purpose, ideal for dirty, difficult samples such as soils, sludges, colloids, viscous solutions. Easy to clean junction never clogs. Ideal for general lab use. Ag/AgCl internal reference system.

Item No.	Qty Break	Your Cost
3802-31	1	384.43
	2+	341.95



Electrode Storage Bottles (Thermo Orion)

For use with glass body 12mm electrode. Pack of 3.

Item No.	Your Cost
3803-04	75.88

Electrode Accessories

pH Electrode Swing Arm Holder & Stand (Oakton)

Good value. Flexible holder holds up to four standard size electrodes and one ATC probe. Made of gray plastic with metal base. Lets you take readings more conveniently.



Item No.	Your Cost
3800-72	112.57

Orion pH Electrode Storage Sleeve (Thermo Scientific)

Simplify the storage of your pH electrode

Storage Sleeve and base allows you to store your pH electrode upright on the lab bench while protecting the fragile pH glass or glass body from falls or making contact with other items on your lab bench. The weighted base provides stability and assists in keeping the electrode upright. The sleeve can be easily removed from the base. Polypropylene.



- For electrodes 12mm in diameter and up to 120mm in length
- Protects electrode from breakage when not in use
- Weighted base prevents electrode from tipping
- Sleeve can be removed from base to store in electrode holder

 Item No. Mfr Item No. Your Cost

item No. Witr item No.		rour Cost
3800-91	810017	68.19

Electrode Washer (Bel-Art Scienceware)

Saves valuable lab time when performing multiple pH measurements!

Unique device offers a safe, convenient way to clean delicate pH electrodes in place without the risk of damage or scratches. 500 mL reservoir is filled and set in place so that electrode hangs down into spray chamber. When reservoir is squeezed, a spray of water rinses the electrode and then drains off into sink via vinyl tubing provided. Polyethylene.

Your Cost
158.32

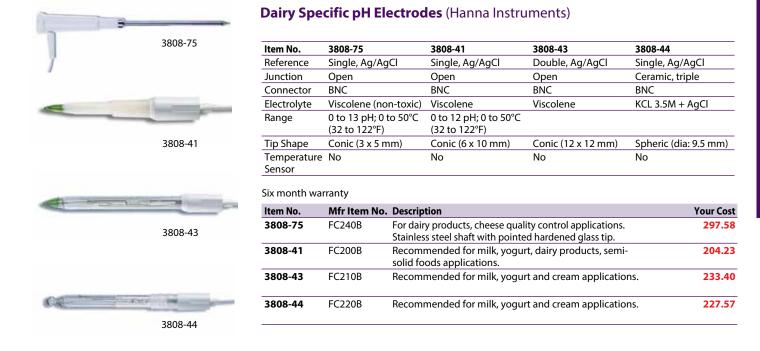


112 pH DETERMINATION

ACCESSORIES: FOR pH



Magnetic Stirrers see pages 16 - 17.



Hydrion® pH Plastic Test Strips (Micro Essentials)

Packaged in convenient flip-top vials

Strips provide instant results with a clear bright single color match across the pH spectrum. 100 test strips per vial.

Item No.	Mfr Item No.	Description	Qty Break	Your Cost
3077-02	9800	0-14 pH with readings at each whole pH	1-5	14.27
			6+	12.24
3077-06	9200	0-6.0 pH with readings at each half and whole	1-5	14.27
		pH number	6+	12.24
3077-08	9700	5.5-8 pH with readings at every .2 to .3 interval	1-5	14.27
			6+	12.24
3077-07	9400	5-9 pH with readings at each half pH number	1-5	14.27
			6+	12.24
3077-03	9600	6.5-13 pH with readings at each half and whole	1-5	14.27
		pH number	6+	12.24

ColorpHast® pH Strips (EMD Millipore)

Strips provide accurate colorimetric pH indication. The dye is bound to the paper carrier on a plastic strip for no bleeding, even in strongly alkaline solutions. Strips can be immersed in sample for extended periods, so weakly buffered solutions can be tested with accuracy. The Universal strip tests the full 0–14 pH range with a sensitivity of 1 pH units. Intermediate range indicators provide a sensitivity of 0.3–0.5 pH units and narrow range strips provide a sensitivity of 0.2–0.3 pH units.

Item No.	Mfr Item No.	Description	Qty	Qty Break	Your Cost
3075-75	9590-3	0-14 pH	pack/100		32.95
3075-76	9583-1	6.5-10 pH	pack/100	1-5	36.45
				6+	29.23

Economy pH Strips

Provides distinct color for 10 separate pH readings in the range of 1 to 14. Each vial contains 100 strips.

Item No.	Qty Break	Your Cost
3075-79	1-99	2.00
	100+	1.90



3075-79

PH ELECTRODES



YDRIO

Plastic pH

ACCESSORIES: FOR pH

Additional pH Strips see pages 162, and 208.

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pH SOLUTIONS

Electrode Reference Fill Solution

Item No.	Mfr. Item No.	Description	Application	Size	Your Cost
3803-40	Oakton 35803-73	KCI saturated with AgCI	Single junction electrodes; not for use with solutions that react with silver	125 mL	38.02
3803-00	Orion 900011	Standard Ag/ AgCl solution	Single junction pH electrodes; not for use with solutions that react with silver	5 X 50 mL	129.07
3809-60	Hanna HI7071	3.5M KCI + AgCI solution	Single junction pH electrodes; not for use with solutions that react with silver	4 X 30 mL (1 oz)	67.40
3809-70	Hanna HI7071L	3.5M KCI + AgCl solution	Single junction pH electrodes; not for use with solutions that react with silver	500 mL (16.9 oz)	77.31
3803-03	Oakton 35803-74	4 M KCL	Standard double junction pH electrodes	125 mL	38.02
3803-01	Orion 910008	3 M KCI	Standard double junction pH electrodes	5 X 60 mL	128.35
3803-10	Orion 810007	3 M KCI solution	ROSS™ double junction pH electrodes	5 X 60 mL	132.79
H25469-02	Hach	Potassium Chloride Reference Electrolyte Gel Cartridges	Hach pH electrodes 5191000 / 5191011 5191022	pk/2	27.19

General Electrode Cleaning Solution

	Mfr.				Your
Item No.	Item No.	Description	Application	Size	Cost
3803-20	Oakton 00653-06	Cleaning solution	All electrodes	473 mL (1 pint)	17.56
3805-30	Orion 841101	Sodium Maintenance/ Storage Solution	ROSS sodium ion selective electrodes	475 mL	86.91
3807-59	Hach C20C370	Protein specific cleaning solution	pH electrodes	250 mL	82.56
3809-54	Hanna HI7061M	Cleaning Solution	All electrodes	250 mL (8.5 oz.)	15.25
3809-55	Hanna HI7061L	Cleaning Solution	All electrodes	500 mL (16.9 oz)	17.38



Dairy and Food Specific Electrode Cleaning Solutions

(Hanna Instruments)

In many applications, electrodes become dirty while being used, with negative results on their efficiency. Since this dirt is not removed during normal use, special cleaning solutions may be needed. These specific cleaning solutions are for eliminating all impurities and residues left on the surface of the electrode when immersed in specific samples, such as dairy products and grease. The 25-sachet package is a practical solution for field measurements, because it is easy to handle and always fresh.



Item No.	Mfr. Item No.	Description	Qty	Your Cost
3809-30	HI70640L	Cleaning Solution for Milk Deposits	500 mL	34.76
3809-32	HI70641L	Cleaning and Disinfection Solution for Milk Deposits	500 mL	34.76
3809-34	HI70642L	Cleaning Solution for Cheese Deposits	500 mL	34.76
3809-38	HI70630L	Acid Cleaning Solution for Meat Grease and Fat	500 mL	35.25
3809-40	HI70631L	Alkaline Cleaning Solution for Meat Grease and Fat	500 mL	35.25
3809-42	HI700640P	Cleaning Solution for Milk Deposits	25 X 20 mL sachets	39.01
3809-44	HI700641P	Cleaning and Disinfection Solution for Milk Deposits	25 X 20 mL sachets	38.24
3809-46	HI700642P	Cleaning Solution for Cheese Deposits	25 X 20 mL sachets	39.01
3809-48	HI700630P	Acid Cleaning Solution for Meat Grease and Fat	25 X 20 mL sachets	38.24

Electrode Storage Solution

Item No.	Mfr. Item No.	Description	Size	Your Cost
3803-05	Orion 910001	Storage Solution	475 mL	73.64
3803-33	Orion 810001	ROSS pH Electrode Storage Solution	475 mL	104.00
H26573-64	Hach	Powder pillow storage solution	pk/20	60.00
H27565-49	Hach	Storage solution	500 mL	61.73
3809-50	Hanna HI70300M	Storage Solution	250 mL (8.5 oz.)	15.25
3809-51	Hanna HI70300L	Storage Solution	500 mL (16.9 oz)	17.38

114 pH DETERMINATION

ACCESSORIES: FOR pH



Disposable Plastic Micro Beakers see page 77. Magnetic Stirrers see pages 16 - 17.





H22269-66

H27700-20

Hach Powder Pillows and Singlet™ pH Buffers

New one-use-only Singlets are the ultimate in accuracy. Every Singlet pouch is as accurate as a newly opened bottle of buffer. Powder pillows also assure freshness and eliminate the possibility of contamination. Simply open the pillow and add the contents to 50 mL of deionized or demineralized water.

рН	Pillow Qty.	Singlet Qty.	Your Cost
4	Pk/50		35.58
4		Pk/20	54.03
7	Pk/50		35.58
7		Pk/20	54.03
10	Pk/50		35.58
10		Pk/20	68.07
	4 4 7 7 7 10	pH Qty. 4 Pk/50 4 7 7 Pk/50 7 Pk/50 10 Pk/50	pH Qty. Qty. 4 Pk/50 4 4 Pk/20 7 7 Pk/50 7 7 Pk/50 10

Weber[™] pH Buffers are Color-Coded, Highly Accurate and a Super Best Buy

pH Buffer Solution, Color-Coded.

Accurate within ±0.01 pH units of specified value at 25°C. Provided with temperature pH conversion chart printed on the container. 500 mL size packaged in polyethylene bottle with flip-top dispensing cap; 4 liter and 20 liter sizes come in convenient cube container with dispensing spigot.

ltem No.	Size	Qty Break	Your Cost
pH 2, clea	r (no color	code)	
3076-02	500 mL	1-11	16.64
		Multiples of 12	13.96
pH 4, colo	r coded Ri	ED	
3076-04	500 mL	1-11	15.64
		Multiples of 12	13.13
3076-14	4 liter	1-4	65.80 🕎
		5+	59.15
3076-15	4 liter	1-4	74.77 🕎
	cube-pk	5+	67.69
3076-24	20 liter	1-2	123.95 🅎
		3+	110.67
pH 5, clea	r (no color	code)	
3076-05	500 mL	1-11	20.46
		Multiples of 12	17.18



Item No.	Size	Qty Break	Your Cost
pH 7, colo	r coded YI	ELLOW	
3076-07	500 mL	1-11	15.64
		Multiples of 12	13.13
3076-17	4 liter	1-4	65.80 🕎
	bottle	5+	59.15
3076-18	4 liter	1-4	65.80 🕎
	cube-pk	5+	59.15
3076-27	20 liter	1-2	126.14 🕎
		3+	112.61
pH 10, col	or coded E	BLUE:	
3076-10	500 mL	1-11	16.37
		Multiples of 12	13.73
3076-20	4 liter	1-4	65.80 🕎
	bottle	5+	59.15
3076-21	4 liter	1-4	111.47 🕎
	cube-pk	5+	100.05
3076-30	20 liter	1-2	122.41 🕎
		3+	109.31



Find Titrators in our Web Catalog at weberscientific.com



Hydrion® Tri-Chek pH Buffer Calibration Set (Micro Essentials)

Accurate and NIST Traceable

- Mix with de-ionized or distilled water for fresh standards with known pH values
- Set contains three 10-capsule vials for pH 4.00, 7.00 and 10.00
- Each capsule produces 100 mL of solution
- Included is one 4 mL bottle of preservative which prolongs shelf-life and automatically tints each solution to its own color value: orange for pH 4.00, green for pH 7.00 and blue for pH 10.00

Item No.	Mfr Item No.	Your Cost
3077-05	CC-471V	23.01

Refractometers



Pocket Digital Refractometer (Sper Scientific)

Measure brix in the field with laboratory accuracy. Is small, light and simple to use as optical refractometers, but with the precision of a digital readout. Reads samples as small as 1 mL. Sample temperature is initially displayed on the large LCD followed by the measurement results. The sophisticated microprocessor provides automatic calibration, automatic temperature compensation and automatic shutoff (after 3 minutes). A sturdy water resistant case protects the electronics from wet



environments and makes for easy clean ups. Features one button calibration to distilled water and indicates when the battery should be replaced (8000 readings). Comes ready to use with distilled water, transfer-pipet, AAA battery, instructions and a carrying case.

Item No.	3025-15	3025-17	3025-19
item No.	3023-13	5025-17	3025-19
Mfr. Item No.	300051	300052	300053
Brix range	0 to 65%	40 to 95%	0 to 95%
Resolution	0.1%		
Accuracy	±0.2%		
Dimensions	4 5/8″ x 2 1/2″ x 1 1/4″ (118		
	x 62 x 32 mm)		
Weight	4.6 oz. (130g)		
Batteries	AAA (included)		
Warranty	5 year		

Item No.	Description	Your Cost
3025-15	0-65% brix refractometer	273.27
3025-17	40-95% brix refractometer	268.57
3025-19	0-95% brix refractometer	314.47

Laboratory Full-Range Digital Automatic Refractometer (Sper Scientific 300034)

Measure brix, refractive index with full-scale accuracy of 0.1% using CDC scanner (= linear scanned array imaging) technology. Simple to use. Calibrates to distilled water and require a sample of only 0.4 mL. Instantly displays temperature in addition to multiple scales with the unit of measure indicated on the large LCD. The sophisticated microprocessor provides automatic calibration, automatic



temperature compensation, automatic shutoff (after 3 minutes), and visual hi/lo alarms. Low power consumption enables 5000 readings, before the LCD indicates that the battery should be replaced. The water resistant design protects the electronics from wet environments and makes for easy clean ups. Comes ready to use with a 9V battery, distilled water, a transfer-pipet, instructions and a protective case. Weight: 18 oz (500 g). Dim: 7" x 4" x 2 1/2" (180 x 100 x 65 mm). One year warranty.

	Range	Resolution	Accuracy
Brix	0-95%	0.1	±0.2
Refractive Index	1.3330~1.5318	0.0001	±0.001

Item No.	Your Cost
3025-82	958.28

Portable Full-Range Digital Automatic Refractometer (Reichert AR200)

Benchtop precision and accuracy in a hand-held instrument. Principle of operation: critical angle, reflected light refractive index. The default scale is Brix; user programmable for corn syrup, glycols, salinity, serum protein and urine specific gravity. Dual temperature sensors for prism and ambient. Includes IR port for computer and printer communications. The software features 2 point (set and span) calibration sensing; calibration history.



Auto off and sleep mode. Battery operated.

Dimensions: 7" x 3.75" x 1.37" ($178 \times 95 \times 35$ mm). CE certification. Two year factory warranty. Four AAA batteries included; 3000+ measurements. Optional IR communications cradle for PC interface. One year warranty.

Range:	0-95% Brix, 1.3300-1.5600nD
Accuracy:	±0.0001 nD, ±0.1% solids

 Item No.
 Your Cost

 3025-90
 1,815.33



Digital Hand-Held Pen-Pro Refractometer (Atago 3730)

Includes continuous measurement feature

Wide measurement range of Brix 0.0 to 85.0%. There are 2 ways to measure: Either dip the tip into the sample and press the START key OR press the START key and touch the tip into the sample. There is also the feature to perform continuous measurements.

- · Ergonomically designed for one-handed operation.
- Automatic Temperature Compensation function enables you to take measurement readings regardless of the ambient temperature.
- You can rinse off the sample by running water on the prism. The design allows the user to easily wipe off the sample.
- Features External Light Interference (ELI) Patent Pending.
- Convenient Storage case.

Int'l Protection Class - IP67 (prism head), 265 (body) seconds 6 x 3.8 x 1.8cm, 70g (Main Unit only) ine year (does not include prism) Qty Break Your Cost 1 692.86
265 (body) seconds 6 x 3.8 x 1.8cm, 70g (Main Unit only) ne year (does not include prism)
265 (body) seconds 6 x 3.8 x 1.8cm, 70g (Main Unit only)
265 (body) seconds 6 x 3.8 x 1.8cm, 70g (Main Unit only)
265 (body) seconds
x Size AAA alkaline battery
0 to 40°C
ompensation)
0 to 100°C (Automatic Temperature
rix ± 0.2%
rix 0.1%
rix 0.0 to 85.0%

116 REFRACTOMETERS

ACCESSORIES: FOR REFRACTOMETERS



Lab Wipes see page 172. Salinity Tester see page 211.

PAL Pocket Digital Refractometer (Atago)

Ergonomic design operates

with just one hand

It is compact in size, allowing for portability and use indoors or outdoors. Weighing 3 1/2 ounces (100g), it can be placed in a pocket or hung from your neck or belt. Measurements can be

made easily while holding it in just one hand. The sample stage is designed to keep sample solutions from spilling out. A convenient feature is that the "zero-setting" (calibration) can be done with water. To operate simply put a drop of a sample on the prism surface and press the START key. The brix value (sugar content/concentration) will be displayed in just 3 seconds. With a digital LCD display you can precisely record the measurement value without any operator interpretation, as with traditional analog refractometers.

PAL-1 model can measure almost any fruit juice, food, or drink, such as soup, sauce, ketchup, tomato sauce, low-sugar jam or marmalade.

PAL-2 can test jelly, honey or concentrated juice.

PAL-alpha measures most any sample at a reasonable price.

The Automatic Temperature Compensation function (ATC) enables you to take measurement readings regardless of the ambient temperature The PAL has an international protection rating of IP65 – you can rinse off the sample by running water on the sample stage. The design allows the user to easily wipe off the sample.

0.0 to 30.0°P

Compensation) 10 to 40°C

10 to 75°C (Automatic Temperature

(2) AAA Batteries, included

2.2 x 1.2 x 4.3 / 55 x 31 x 109

One year (does not include prism)

0.1°P

± 0.2°P

0.3 mL

3.5/100

3 seconds

Model	PAL-1	PAL-2	PAL-alpha
Measurement range, brix	0.0 to 53%	45.0 to 93.0%	0.0 to 85%
Resolution, brix	0.1%		
Measurement	± 0.2%		
accuracy, brix			
Measurement	10 to 100°C (Automatic Tempera	ature
temperature	Compensatio	on)	
Ambient temperature	10 to 40°C		
Sample volume	0.3 mL		
Measurement time	3 seconds		
Power supply	(2) AAA Batte	eries	
Dimensions, in/mm	2.2 x 1.2 x 4.3	/ 55 x 31 x 109	
Weight, oz/gram	3.5/100		
Warranty	One year (do	es not include prisr	n)

ltem No.	Description	Qty Break	Your Cost
3025-95	PAL-1 refractometer	1	430.37
		2+	399.82
3025-97	PAL-2 refractometer	1	495.51
		2+	457.05
3025-98	PAL-alpha refractometer	1	619.96
		2+	587.35

PAL Plato Specific Gravity Refractometer (Atago)

Breweries can measure the specific gravity of sweet wort in degrees Plato. Advantages of the PAL-Plato include: Two buttons for easy operation, an LCD screen for objective readings, and Automatic Temperature Compensation up to 75°C (167°F). Additionally, taking measurements with the PAL-Plato only requires a few drops of sample, and it provides accurate readings within 3 seconds.



PAL Hydrogen Peroxide Refractometer (Atago PAL-39S)

For solutions of H₂O₂ and water ONLY! Great for sanitation! Includes 2 AAA batteries.

Measurement	0-50%
range	
Resolution	0.2%
Accuracy	±0.6%
Measurement	10 to 35° C (Automatic
temperature	Temperature Compensation)

All other specifications are the same as other PAL models One year warranty not including prism.

Item No.	Qty Break	Your Cost
5029-02	1	514.29
	2+	478.40

Find more

refractometers options at **weberscientific.com**

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800-328-8378

Specifications

Resolution

Accuracy

Measurement range

Measurement temperature

Ambient temperature Sample volume

Measurement time

Dimensions, in/mm

Weight, oz/gram

Power supply

Warranty

Item No.

5029-03

Visit: weberscientific.com

Your Cost

514.95

REFRACTOMETERS

Refractometers



Brix Refractometers (Atago)

EBER SCIENTIFIC

Measures the concentration of sucrose in solution. Atago refractometers have a worldwide reputation for simple operation, accuracy, and reliability. Rubber grip guards against user's body heat to insure accurate measurement. All models have 0.2° scale divisions and $\pm 0.2^{\circ}$ accuracy. Complete with case. One year warranty; prisms are not covered under the warranty.

ltem No.	Mfr Item No.	Brix Range %	АТС	Uses	Qty Break	Your Cost
3025-43	2351 MASTER 53A	0 to 53	yes	fruit, juices, soft	1	432.50
	Water resistant			drinks	2+	408.47
3025-44	2352 MASTER 53T	0 to 53	yes		1	315.89
					2+	298.37
3025-45	2353 MASTER 53M	0 to 53	no	fruit, juices, soft	1	296.25
				drinks	2+	279.80
3025-51	2354 MASTER-50H	0 to 50	yes	For high-temperature/	1	435.17
	Water resistant			corrosive samples and	2+	410.99
				sauces 0.5% Resolution,		
				+/-0.5% Accuracy		
3025-53	2364 MASTER-80H	30 to 80	no	For high-temperature/	1	435.17
	Water resistant			corrosive samples and	2+	410.99
				jams 0.5% Resolution,		
				+/-0.5% Accuracy		

Brix Refractometer (Sper Scientific)

Superb value. Popular model features automatic temperature compensation. Covered eye piece and bright clearly defined scale for easy to read measurements. Measures 0 to 32° brix with a 0.2° resolution and a $\pm 0.2^{\circ}$ accuracy. Comes with a reusable hard case. Five year warranty.





Description

Range 0 to 60% Brix

Range 0 to 88% Brix

Rugged & waterproof, ideal for field use

- IP65 Waterproof
- Rugged

Item No.

3025-63

3025-65

Item No.

3025-60

Long-life Rechargeable Battery

300059

300060

Mfr. Item No.









Portable Digital Refractometer (Hanna Instruments)

A best buy for a professional quality instrument

- Rugged, portable and waterproof.
- Samples are measured after a simple user calibration with . deionized or distilled water.
- Temperature (in °C or °F) is displayed simultaneously with measurement on the large dual level display along with other helpful message codes.
- Automatic Temperature Compensation (ATC)
- . Battery operated
- Able to read samples as small as 2 metric drops.

Specifications

Range0 to 50% Brix / 0 to 80°C (32 to 176°F) 0 to 85% Brix / 0 to 80°C (32 to 176°F)Resolution± 0.1% Brix / ±0.1°C (±0.1°F)Accuracy± 0.2 % Brix / ± 0.3°C (±0.5°F)Auto Temp. Compensationbetween 10 and 40°C (50 - 104°F)Measurement TimeApproximately 1.5 secondsMin. Sample Volume2 metric dropsLight SourceYellow LEDSample CellStainless steel ring and flint glass prismCase MaterialABSEnclosure RatingIP65Battery Type / Life(1) 9V included / 5000 readingsAuto-OffAfter 3 minutes of non-useDimensions19.2(W) x 10.2(D) x 6.7 (H)cmWeight420g	Specification	3		
Resolution± 0.1% Brix / ±0.1°C (±0.1°F)Accuracy± 0.2 % Brix / ± 0.3°C (±0.5°F)Auto Temp.between 10 and 40°C (50 - 104°F)CompensationMeasurement TimeApproximately 1.5 secondsMin. Sample Volume2 metric dropsLight SourceYellow LEDSample CellStainless steel ring and flint glass prismCase MaterialABSEnclosure RatingIP65Battery Type / Life(1) 9V included / 5000 readingsAuto-OffAfter 3 minutes of non-useDimensions19.2(W) x 10.2(D) x 6.7 (H)cmWeight420gWarrantySix month	Range		0 to 50% Brix / 0 to 80°C (32	2 to 176°F)
Accuracy± 0.2 % Brix / ± 0.3°C (±0.5°F)Auto Temp.between 10 and 40°C (50 - 104°F)CompensationMeasurement TimeApproximately 1.5 secondsMin. Sample Volume2 metric dropsLight SourceYellow LEDSample CellStainless steel ring and flint glass prismCase MaterialABSEnclosure RatingIP65Battery Type / Life(1) 9V included / 5000 readingsAuto-OffAfter 3 minutes of non-useDimensions19.2(W) x 10.2(D) x 6.7 (H)cmWeight420gWarrantySix month			0 to 85% Brix / 0 to 80°C (32	2 to 176°F)
Auto Temp. Compensationbetween 10 and 40°C (50 - 104°F)Measurement TimeApproximately 1.5 secondsMin. Sample Volume2 metric dropsLight SourceYellow LEDSample CellStainless steel ring and flint glass prismCase MaterialABSEnclosure RatingIP65Battery Type / Life(1) 9V included / 5000 readingsAuto-OffAfter 3 minutes of non-useDimensions19.2(W) x 10.2(D) x 6.7 (H)cmWeight420gWarrantySix month	Resolution		\pm 0.1% Brix / ±0.1°C (±0.1°F)
CompensationMeasurement TimeApproximately 1.5 secondsMin. Sample Volume2 metric dropsLight SourceYellow LEDSample CellStainless steel ring and flint glass prismCase MaterialABSEnclosure RatingIP65Battery Type / Life(1) 9V included / 5000 readingsAuto-OffAfter 3 minutes of non-useDimensions19.2(W) x 10.2(D) x 6.7 (H)cmWeight420gWarrantySix month	Accuracy		\pm 0.2 % Brix / \pm 0.3 $^{\circ}\text{C}$ ($\pm0.5^{\circ}$	F)
Measurement TimeApproximately 1.5 secondsMin. Sample Volume2 metric dropsLight SourceYellow LEDSample CellStainless steel ring and flint glass prismCase MaterialABSEnclosure RatingIP65Battery Type / Life(1) 9V included / 5000 readingsAuto-OffAfter 3 minutes of non-useDimensions19.2(W) x 10.2(D) x 6.7 (H)cmWeight420gWarrantySix month	Auto Temp.		between 10 and 40°C (50 -	104°F)
Min. Sample Volume2 metric dropsLight SourceYellow LEDSample CellStainless steel ring and flint glass prismCase MaterialABSEnclosure RatingIP65Battery Type / Life(1) 9V included / 5000 readingsAuto-OffAfter 3 minutes of non-useDimensions19.2(W) x 10.2(D) x 6.7 (H)cmWeight420gWarrantySix month	Compensatio	n		
Light SourceYellow LEDSample CellStainless steel ring and flint glass prismCase MaterialABSEnclosure RatingIP65Battery Type / Life(1) 9V included / 5000 readingsAuto-OffAfter 3 minutes of non-useDimensions19.2(W) x 10.2(D) x 6.7 (H)cmWeight420gWarrantySix month	Measurement	Time	Approximately 1.5 seconds	
Sample CellStainless steel ring and flint glass prismCase MaterialABSEnclosure RatingIP65Battery Type / Life(1) 9V included / 5000 readingsAuto-OffAfter 3 minutes of non-useDimensions19.2(W) x 10.2(D) x 6.7 (H)cmWeight420gWarrantySix month	Min. Sample V	/olume	2 metric drops	
prismCase MaterialABSEnclosure RatingIP65Battery Type / Life(1) 9V included / 5000 readingsAuto-OffAfter 3 minutes of non-useDimensions19.2(W) x 10.2(D) x 6.7 (H)cmWeight420gWarrantySix month	Light Source		Yellow LED	
Case MaterialABSEnclosure RatingIP65Battery Type / Life(1) 9V included / 5000 readingsAuto-OffAfter 3 minutes of non-useDimensions19.2(W) x 10.2(D) x 6.7 (H)cmWeight420gWarrantySix month	Sample Cell		Stainless steel ring and flint glass	
Enclosure RatingIP65Battery Type / Life(1) 9V included / 5000 readingsAuto-OffAfter 3 minutes of non-useDimensions19.2(W) x 10.2(D) x 6.7 (H)cmWeight420gWarrantySix month			prism	
Battery Type / Life(1) 9V included / 5000 readingsAuto-OffAfter 3 minutes of non-useDimensions19.2(W) x 10.2(D) x 6.7 (H)cmWeight420gWarrantySix month	Case Material		ABS	
Auto-OffAfter 3 minutes of non-useDimensions19.2(W) x 10.2(D) x 6.7 (H)cmWeight420gWarrantySix month	Enclosure Rat	ing	IP65	
Dimensions19.2(W) x 10.2(D) x 6.7 (H)cmWeight420gWarrantySix month	Battery Type /	' Life	(1) 9V included / 5000 readi	ings
Weight 420g Warranty Six month	Auto-Off		After 3 minutes of non-use	
Warranty Six month	Dimensions		19.2(W) x 10.2(D) x 6.7 (H)cr	n
,	Weight		420g	
	Warranty		Six month	
	14 NI		L. D	Varia Carat

Item No.	Mfr Item No.	Description	Your Cost
3025-72	HI96811	0-50% Brix	220.56
3025-74	HI96801	0-85% Brix	220.56

Refractive Index Liquids (Cargille)



Accurately calibrate refractometers

Item No.	Mfr Item No.	Description	Size	Your Cost
3025-22	AA-1806-1.440	7.4ML 59.5% BRIX/1.440 Index D	¼ oz	60.36
3025-24	45000-OS025	7.4ML 60% BRIX/1.442 Index D	¼ oz	76.50

WEBER EXCLUSIVE FIRST CASE UPGRADE HAZARDOUS MATERIALS

Your Cost

350.85

444.67

SHIPS ON ICE

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details

EYE CARE

Infinity[™] Safety Goggles, **Clear Lens** (Qvis)

Stylish yet serious protection



Good fit for narrower faces. The

front lens is a single piece of impact

resistant, molded polycarbonate that curves to fit the eye area and with a stylish v-cut at the temple. Adjustable at the temple for a comfortable, custom fit. Black frame. 99.9% UV protective, anti-fog, scratch resistant lenses. ANSI Z87.1 ANSI Z87.1-1989.

Item No.	Qty Break	Your Cost
4400-50	1-11	3.98
	12+	3.06

Lucent[™] Visitors Glasses, **Clear Lens** (Ovis)

These visitor's glasses offer impact protection in an UV protective polycarbonate lens. The lenses provide comfortable coverage even when worn over prescription glasses. A molded bridge keeps glasses in place. The glasses have vented side shields.



Item No.	Qty Break	Your Cost
4400-10	1-11	2.35
	12+	1.66

Defender[™] Safety Glasses, Clear Lens (Qvis)



These safety glasses feature lightweight wrap around protection. The frames are adjustable at the temple for a comfortable, custom fit. The molded nose bridge prevents slipping. 99.9% UV protective, anti-fog, scratch resistant lenses. ANSI Z87.1-1988

ltem No.	Description	Qty Break	Your Cost
4401-10	black	1-11	3.21
		12+	2.36
4401-20	blue	1-11	3.21
		12+	2.36



Find ear protection at weberscientific.com

Safety Goggles, Clear



Defend against splash

These goggles are made of a soft vinyl frame with a polycarbonate lens. The flexible frame molds comfortably to the face for a secure fit. The polycarbonate lens is anti-fog and scratch-resistant. The goggles allow room for most prescription glasses and the adjustable headband provides a custom fit for any wearer. ANSI approved. Z87.1 1989

Item No.	Details	Your Cost
4402-12	Indirect Vent	8.56

Emergency Eyewash Bottle (Bel-Art Scienceware)

Upgrade your eyewash station. This bottle has an eyecup for an upgraded fluid delivery system that allows the victim's eye to be treated in any position, whether the victim is sitting, lying down or standing upright. Universal symbols and multi-language directions on the bottle confirm how to use the eyewash bottle. Snap on cap protects eyecup surfaces from contaminants. Bottle comes empty.



ltem No.	Mfr. Item No.	Size	Your Cost
4334-22	248500000	500 mL / 16 oz.	16.14
4334-23	248510000	1000 mL / 32 oz.	17.73

PPE AVAILABLE AT WEBERSCIENTIFIC.COM

Stay safe with Weber Scientific PPE. In stock products to keep your workplace open and operating safely. See **weberscientific.com** for current stock levels on:

- Face Masks
- KN95 Filter Masks
- Hand Sanitizer
- Surface Sanitizer
- Face shields
- Goggles
- Isolation Gowns
- and More



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Safety Supplies



WEBER SCIENTIFIC



Weber Scientific Latex Disposable Powder-Free Exam Grade

Excellent tactile sensitivity while the textured grip offers secure wet or dry handling. Rolled cuff for easy donning. Thickness: cuff - 4.0 mil; palm - 5.0 mil; finger tip - 6.0 mil. 9.5" length.

ltem No.	Description	Qty	Qty Break	Your Cost
4327-45	powder-free – small	pack/100	1-9	35.62
			multiples of 10	31.77
			multiples of 100	27.55
4327-47	powder-free – medium	pack/100	1-9	35.62
			multiples of 10	31.77
			multiples of 100	27.55
4327-49	powder-free – large	pack/100	1-9	35.62
			multiples of 10	31.77
			multiples of 100	27.55
4327-51	powder-free – x-large	pack/100	1-9	35.62
			multiples of 10	31.77
			multiples of 100	27.55



MICROFLEX® Diamond Grip[™] *Latex Exam Grade* Extra gripping power. Beaded cuff 9″ length. 7 mil thick.

ltem No.	Description	Qty	Qty Break	Your Cost
4333-30	powder-free – small	pack/100	1-9	24.53
			multiples of 10	22.47
4333-32	powder-free – medium	pack/100	1-9	29.49
			multiples of 10	27.03
4333-34	powder-free – large	pack/100		13.67

All disposable gloves are supplied in a dispenser box.

POLYETHYLENE DISPOSABLE

Disposable Polyethylene Gloves

Highly economical. Widely used to prevent product contamination. Compact dispenser for easy "one-handed" removal. Embossed grip. Ambidextrous. Wrist length clear .5 mil plastic.



Item No.	Size	Qty	Qty Break	Your Cost
4327-37	medium/large	pack/500	1-19	3.16
			multiples of 20	2.99

VINYL DISPOSABLE

Weber Scientific Disposable Powder-Free Vinyl Gloves 🚿

Non-latex alternative offers a flexible ambidextrous fit. Strong and durable. Rolled cuff for easy donning. Smooth finish and 5 mil thickness. 9.5" length. Dispenser box.



ltem No.	Size	Qty	Qty Break	Your Cost
4331-30	small	pack/100		4.61
4331-32	medium	pack/100		4.61
4331-34	large	pack/100	1-9	11.36
			multiples of 10	9.45
			multiples of 100	8.1 1
4331-36	x-large	pack/100	1-9	11.36
	-		multiples of 10	9.45
			multiples of 100	8.11



20 SAFETY SUPPLIES

ACCESSORIES: FOR SANITATION AND SAFETY SUPPLIES



Hand Cream see page 166.

Gloves





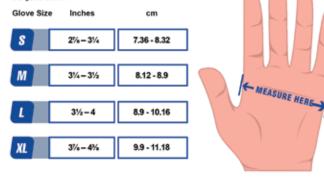




Glove Sizing Chart

Palm Measurement

Find your glove size by measuring your hand using the guide below.



STERILE NITRILE

Kimtech Pure® G3 Sterile Nitrile Gloves

(Kimberly-Clark Professional) Packaged in an ISO Class 5 cleanroom and

contain no natural



rubber latex. Sterilized by gamma radiation, they are walleted and pouched in polyethylene for cleanroom use and aseptic donning. Recommended for ISO Class 3 or higher cleanroom environments. Low endotoxic levels, non-hemolytic and non-cytotoxic. Handspecific and powder-free, the gloves are fully textured with a beaded cuff. Overall thickness is 6 mil. Length is 30.5 cm (12"). Color: white. 20 pairs/pack.

HC61180	8	1-3 4+	71.29 54.64
1661100		4+	54.64
1661100			
HC61190	9	1-3	74.07
		4+	63.71
HC61110	10	1-3	73.41
		4+	61.83
			4+ HC61110 10 1-3

Weber Scientific Disposable Nitrile Gloves

Ambidextrous latex-free gloves are strong yet soft, flexible and comfortable. Microtextured fingers for secure wet or dry handling. Excellent tactile sensitivity and dexterity. Beaded cuffs for easy donning. 9.5" length.

Powder-free in both exam (501K rating suitable for medical use) and food grades.

Extra Soft Powder-Free Exam Grade - Periwinkle

2.4 mil palm thickness

Extra soft for enhanced tactile sensitivity.

Item No.	Size	Qty	Your Cost
4332-88	small	pack/100	8.14
4332-90	medium	pack/100	12.61
4332-92	large	pack/100	12.61
4332-94	x-large	pack/100	11.01

Powder-Free Exam Grade - Blue 3.5 mil palm thickness *Exceptional fit, feel and durability.*

Item No.	Size	Qty	Your Cost
4333-95	small	pack/100	11.28
4333-96	medium	pack/100	11.28
4333-97	large	pack/100	11.28
4333-98	x-large	pack/100	11.28

Powder-Free Food Grade - Black – 5.0 mil palm thickness

Strong yet flexible, designed for secure wet or dry handling.

	· •	•	-
Item No.	Size	Qty	Your Cost
4333-65	small	pack/100	13.31
4333-66	medium	pack/100	13.31
4333-67	large	pack/100	13.31
4333-68	x-large	pack/100	13.31

Safety Supplies





WEBER SCIENTIFIC

Weber Scientific Aloe **Nitrile Gloves**

Soothing aloe protects hands from drying and cracking

Powder free and latex free Nitrile. These 3-mil gloves are extra soft and offer exceptional tactile sensitivity and comfort. Odorless aloe makes this a very soothing glove for regular wear. Ambidextrous non-sterile exam-grade gloves come in a blue-green color.

ltem No.	Size	Qty	Your Cost
4333-40	small	pack/100	26.67
4333-42	medium	pack/100	14.50
4333-44	large	pack/100	26.67
4333-46	x-large	pack/100	12.90

ADDITIONAL HAND-CARE

See more hand-care solutions on pages 164 - 166 and online at www.weberscientific.com

- Moisturizing Hand Creams
- Sanitizing Sprays
- Antiseptic Cleansers
- Foaming Soaps
- Touchless Dispensers



HEAVY DUTY REUSABLE

OMNI® Neoprene Heavy Duty Gloves

(Ansell)

Durable, long-wearing and resistant to a wide range of chemicals and acids. Extremely touch-sensitive and lightweight, with skid-proof tread providing a sure grip. Seamless with a soft absorbent lining. Comfortable fit with contour fingers and palm. 11 1/2" length. Per pair.

Item No.	Size	Your Cost
4328-25	7 (small)	2.50
4328-30	8 (medium)	2.50
4328-35	9 (large)	2.50
4328-40	10 (x-large)	2.50

Sol-Vex Nitrile Reusable Gloves (Ansell)

Resists cuts, punctures and abrasions. Provides chemical and degradation resistance superior to rubber and neoprene in most solvents. Embossed texture improves grip. Designed for comfort with curved fingers and a contoured palm. Flock lined.



ltem No.	Size	Qty	Your Cost
4332-10	9 (small/medium)	12 pair	26.49
4332-12	10 (medium/large)	12 pair	26.49
4332-14	11 (large/x-large)	12 pair	26.49

Poxygrid® Glove Dispensers

(Bel-Art Scienceware)

Keep disposable gloves handy with these welded steel wire racks. Retaining compartment internal size 12.7cm W x 9.5cm D (5 W x 3 3/4" D). Designed for mounting to a vertical surface. Blue epoxy coated racks are steam autoclavable at 121°C (250°F). Gloves not included



ltem No.	Mfr Item No.	Capacity	Size	Your Cost
3050-88	F247390001	Single box	14W x 10.8D x 21H cm (5 1/2W x 4 1/4D x 8 1/4″H)	27.30
3050-90	F247390003	Triple box	43.2W x 10.8D x 21H cm (17 1/2 W x 4 1/4D x 8 1/4"H)	54.69

Interlocking Glove Racks

Ultimate in glove storage

These epoxy coated steel glove racks provide complete laboratory flexibility. The racks can slide together and connect either horizontally or vertically to create glove storage in any desired configuration. These versatile racks come with mounting screws and are designed to fit most major brands of gloves. This is a great alternative to expensive and easy to crack acrylic storage units.



WEBER EXCLUSIVE FIRST CASE UPGRADE

Item No.

HAZARDOUS MATERIALS **SHIPS ON ICE**

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details

Johnson & Johnson® Red Cross First Aid Kit "To Go"

Includes essential first aid items and supplies such as Band-Aid[®] Brand Adhesive Bandages, hand cleansing wipes, and Band-Aid® Brand of First Aid Products Gauze Pads in a durable plastic case that fits in your pocket, backpack, gym bag, or suitcase to care for minor cuts and scrapes.

Size: 1.1 x 4 x 4.6 inches, 2.1 ounces

Mfr

4390-33 008295

Item No.

Item

No.



RST AID

CEE COL

Qty

1-47

Break

Multi. of 48

(eyguard [®]	Disposable
ab Coats ()	(evstone)

- Compare to Tyvek[™]
- Choice of pockets or no pockets
- Single collar with open wrists
- Snap closures White color
- 30 per case

н

Your

Price

2.52

1.78



Tyvek[™] is a registered trademark of DuPont

Basic First Aid Kit (PhysiciansCare)

Description

12 Piece First Aid Kit

Basic Kit includes 113 pieces comprised of:

- plastic case (8.4" x 3.1" x 5.6" -213 x 79 x 142 mm)
- instant cold pack (non-reusable) •
- adhesive bandages
- first aid cream •
- antiseptic wipes
- burn cream packets •
- scissors •
- tweezers •
- gauze pads •

ltem No.	Description	Qty Break	You Price
4390-01	113 Piece First Aid Kit	1	27.69
		2+	25.44

	•	- • •	Qty	Your
Item No.	Qty	Description	Break	Cost
4319-20	Small	with pockets	1-9	106.78
Ŧ			10+	88.98
4319-22	Medium	with pockets	1-9	106.78
			10+	88.98
4319-24	Large	with pockets	1-9	106.78
			10+	88.98
4319-26	X-Large	with pockets	1-9	106.78
			10+	88.98
4319-28	XXL	with pockets	1-9	106.78
			10+	88.98
4319-30	Small	no pockets	1-9	103.04
			10+	85.88
4319-31	Medium	no pockets	1-9	107.96
\square			10+	89.98
4319-32	Large	no pockets	1-9	107.96
			10+	89.98
4319-33	X-Large	no pockets	1-9	107.96
			10+	89.98
4319-34	XXL	no pockets	1-9	107.96
\mathfrak{P}			10+	89.98



Disposable Polyethylene Aprons

Lightweight bib style apron has long ties in back. Protects the wearer from liquids and is stain resistant.

- Inexpensive protection.
- 24" wide X 42" long.
- White color.

Item No.	Qty	Qty Break	Your Cost
4327-50	pack/ 100	1-9	6.96
		multiples of 10	6.21



800-328-8378

ACCESSORIES: FOR SANITATION AND SAFETY SUPPLIES

SAFETY SUPPLIES

123



Autoclave Gloves see page 6. Hand Cream see pages 166.

Assure worker and product protection with apparel From Weber Scientific

Economical Disposable Bouffant Caps

Colors Now Available!

WEBER SCIENTIFIC

Hand-sewn soft polypropylene for the ultimate in affordable sanitary protection. Full size white caps are lightweight with a comfortable easyto-wear elastic fit. High breathability, non-irritating, anti-static, lint-free and flame resistant! Meets all FDA standards.



ltem No.	Size	Qty	Color	Your Cost
4323-43	21″	case/1000	Red	57.26
\mathfrak{P}		(10 bags of 100)		
4323-45	24″	case/1000	Red	65.90
\mathfrak{P}		dispenser pack		
4323-42	21″	case/1000	Blue	95.00
٢		(10 bags of 100)		
4323-13	19″	case/1000	White	50.51
\mathfrak{P}		(10 bags of 100)		
4323-15	21″	case/1000	White	102.25
()		(10 bags of 100)		



penetration, spills and splashes. (5 pair/bundle; 10 bundles per bag; 10 bundles per bag; 10 bags per case)

Disposable Arm Guards

Economical polyethylene arm guards feature interlocked closed seam construction for extra strength and maximum protection from liquid

	Qty		Your
Item No.	Qty	Break	Cost
4327-80	500 pairs	1-9	42.88
	per case	10+	34.31

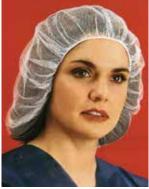


Sani-BT Boot Covers (Keystone)

These clear disposable boot covers are made of heavy duty polyethylene (4 mil LDPE) with perforated ties to secure the covers to the boots. The boot covers are 100% latex free and flame resistant. They come in two sizes, large (14.5x18") and extra large (16x20"). Case of 125 pairs consisting of of five 25-pair dispenser boxes.

Item No.	Product Description	Qty	Qty Break	Your Cost
4327-93	Sani-BT Size L	Case of 250	1-4	84.16
	(14.5x18'')	(125 Pairs)	5+	72.14
4327-94	Sani-BT Size XL	Case of 250	1-4	83.20
	(16x20'')	(125 Pairs)	5+	71.32





4323-35

4323-31

Economical Disposable Beard Covers

Breathable soft polypropylene with an easy-to-wear elastic fit. Flame resistant.

		Qty	Your
Item No.	Qty	Break	Cost
4323-35	case/1000	1-9	75.51
	(10 bags of 100)	10+	66.07

Economy UltraGuard Hairnets

Fine mesh – holes too small to measure. Super soft and comfortable. Choice in color of white or brown.

ltem No.	Size	Color	Qty	Qty Break	Your Cost
4323-31	21″	White	case/1000	1-4	93.90
			(10 bags of 100)	5+	84.51
4323-33	24″	White	case/1000	1-4	107.48
			(10 bags of 100)	5+	95.54
4323-34	24"	Brown	case/1000 (10 bags of 100)		110.17



4319-04 4319-06

Dispensers (Keystone)

- High impact material
- Chemical resistant
- · Wall mounted capability

ltem No.	Size	Capacity	Dimensions	Your Cost
4319-04	Medium	50 hairnets/caps or 100 beard covers	8 x 3.5 x 10.5" H	98.01
4319-06	Large	100 hairnets/caps or 300 beard covers	12 x 5 x 12″H	110.51
4319-08	Triplex	100 hairnets/caps or 300 beard covers	12 x 3 x 8″ H	105.26

💦 WEBER EXCLUSIVE 🛛 🕅 FIRST CASE UPGRADE 🛛 🕀 HAZARDOUS MATERIALS

Dous Materials 🛛 🎆 Ships on Ice

4319-08

Product not included

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details

QualiTru Aseptic Liquid Flow Solutions

Ensures a high quality sample every-time

Users include dairies, water filtration companies, the brewing industry, wineries, juice manufacturers and egg producers.

This patented aseptic sampling process allows testing at different steps during processing to isolate contamination sources. Samples can be obtained from critical locations within a processing facility by installing sampling ports at successive sites. In the event of microbial contamination you will have greatly enhanced ability to determine a cause by being able to obtain samples at bracketed locations, invaluable in isolating and identifying the contamination source. Just as importantly, this aseptic system virtually eliminates the risk of

introducing new contaminants to your product, process or sample. It is used by over 2,000 fluid-food and dairy companies to proactively monitor potential sources of product contamination, such as ineffective pasteurization, airborne contaminants, malfunctioning valves, cracked tanks, faulty cleaning, etc., while providing accurate documentation for Hazard Analysis Critical Control Point Programs (HACCP) or any quality assurance program. Detailed written instructions can easily be incorporated in Standard Operating Procedure (SOP) manuals.





LIQUID FLOW SOLUTIONS



SAMPLING SUPPLIES

	Mfr Item		
Item No.	No.	Description	Your Cost
3064-15	114018	TruStream7 Sampling Kit; consists of a single sterile 7 port aseptic sampling membrane with cap, 7 disposable 60cc syringes with 1 1/2" needles, alcohol wipes and instructions	43.74

Two types of sterile sampling membranes are now available:

ltem	Mfr Item		Туре	Temp.	PSI	Qty	Your
No.	No.	Description	Rubber	Stability	Stability	Break	Cost
3064-18	110011	TruStream7 Septa sampling membrane,	standard	190°F.	150 psi/	1-99	10.89
		sterile, ind. wrapped	EPDM		200 hours	100+	8.97
3064-19	110021	TruStream7 Septa (high temp) sampling	silicone	300°F.	150 psi/	1-99	12.97
		membrane, sterile, ind. wrapped			200 hours	100+	11.81
3064-20	310121	Dust cover for 7 port sampling membrane.					1.46
3064-99	310011	Wrench for aseptic sampler					25.33

TruDraw Single Samplers for QualiTru Sampling System

Virtually Eliminates Risk of Exposure to External Contamination

Designed for 2oz. samples, QualiTru's TruDraw Single Samplers help minimize the risk of exposure to contamination, ensuring excellent sampling accuracy. Meets the bacterial Appendix J requirements as well as the NCIMS and Appendix N Grade "A" PMO test method requirements for antibiotic residue collection at milk plants, receiving stations, or transfer stations. Improve operational efficiency and minimize waste by reducing the need to transfer samples. Tamper-evident cap helps ensure a controlled chain of custody from the start of the process. Available in the following options:

TruDraw Sterile (**3064-30**) is designed for use anywhere a small aseptic sample is required and meets regulatory requirements for aseptic sample collection. Available in individual sterile packages with an attached 18g needle.

TruDraw (**3064-29**) is designed for use when a small sample of raw milk is required and meets the bacterial requirements of the PMO for farm, milk hauler, and pre-pasteurization sample collection. Sold with a detached 18g needle and easily assembles for a leak-proof sample.

Item No.	Mfr Item No.	Description	Unit of Measure	Qty Break	Your Cost	Qty Break	Your Cost
3064-30	112021	TruDraw Sterile	Case of 50	1-4	91.45	5+	85.35
3064-29	112022	TruDraw	Case of 100	1-4	165.75	5+	154.65





Visit: weberscientific.com

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Installation Supplies

All elbow and tank fittings, complete with membrane housing nut, are stainless steel and tooled for a precise fit. Line sampling, and effective CIP, is best accomplished when the sampler is located in an elbow. Elbows are available either tri-clamp (clamp not included). Tank fitting installation can be in outer well or door.

	Mfr Item		
Item No.	No.	Description	* Your Cost
3064-21		tri-clamp elbow, 1 1/2"	840.75
3064-23		tri-clamp elbow, 2"	1,020.68
3064-25		tri-clamp elbow, 2 1/2"	1,372.28
3064-27		tri-clamp elbow, 3"	1,405.56
3064-39		tank fitting, non-insulated	213.20
3064-41		tank fitting, insulated	651.86
3064-43		tri-clamp end cap, 1 1/2"	240.54
3064-46		tri-clamp end cap, 2"	266.27
3064-49		tri-clamp end cap 21/2"	400.86

Possible price volatility due to stainless steel tarifs. See weberscientific.com for most up to date prices.



3064-21 to 27



3064-41

Don't Give Unwanted Organisms A Living Chance

QualiTru® Aseptic Transfer System

Positive action against contamination



Bacterial and phage contamination can occur in any processing plant ... at any time. Don't take chances. Take action against contamination with the QualiTru Aseptic Transfer System. These aseptic injection ports can be installed in your processing tanks or vats for the aseptic transfer of cultures and viscous materials. A sterile syringe and needle transfers ingredients into

one of the 12 injection ports in the specially designed membrane. When combined with proper sanitation procedures and GMP, can help you:

- Inoculate cultures aseptically.
- Add ingredients, flavorings, enzymes, etc., without contamination.
- Sample and monitor processes quickly, easily, aseptically.
- Avoid the disaster of contamination from any of the many airborne bacteria, phage and other microorganisms that exist in even the cleanest, most sanitary processing plants.
- The system is compatible with sterilization temperatures.

3064-39

3064-80 & 3064-82

WEBER EXCLUSIVE



3064-83



3064-84

INJECTION/INSTALLATION SUPPLIES Two types of sterile injection membranes are now available:

ltem No.	Mfr Item No.	Description	Type Rubber	Temp. Stability	PSI Stability	Qty Break	Your Cost
3064-80	110064	TruStream12 Septa port, sterile, ind. wrapped	standard EPDM	250°F.	150 psi/ 200 hours	1-24 25+	18.32 16.66
3064-81	310162	Dust cover for 12 port sampling membrane					2.03
3064-82	110074	TruStream12 Septa (high temp) port, sterile, ind. wrapped	silicone	300°F.	150 psi/ 200 hours		24.57
3064-83		Injection channel tank fitting,					730.99
3064-91		End cap, 2", 304SS					684.86
3064-93		End cap, 2 1/2", 304SS					910.96
3064-95		End cap, 3", 304SS					395.65

* Possible price volatility due to stainless steel tarifs. See weberscientific.com for most up to date prices.

🕅 FIRST CASE UPGRADE

Pay the lowest quantity discount pricing by placing a standing order. See ordering information for details.

HAZARDOUS MATERIALS

SHIPS ON ICE

ASEPTIC SAMPLING SYSTEM



3064-09

TruStream Collection Bags for the QualiTru Sampling System

Recommended for the processing plant or on the farm

Line sampling has been effectively used for a number of years by dairy processors as a method of identifying sources of contamination. Samples from HTST (High-Temperature Short-Time), product storage tanks and lines prior to the fillers have been routinely analyzed. However accurate testing of HTST samples has been difficult because of small sample 1. Thermoduric size, sampling timing and low oxygen levels in the milk. A composite sampling bag, incorporated into the QualiTru aseptic sampling system, has proven to be effective. This sterile bag has tubing and a needle attached which allows a sample to be taken over a 5-10 minute time period. The QualiTru composite sampling system also allows dairy farmers to obtain contamination-free samples, resulting in

accurate bacterial counts. Precise composite sampling aids in mastitis control and accurate composite samples of cow groups.

Sources of contamination of milk from the HTST include:

- Psychrotrophic and/or sporeforming bacteria from raw milk.
- 2. Contamination from cracks in the HTST plates. 3. Thermoduric bacteria may colonize plates in the
- regeneration section of the HTST resulting in high bacteria counts.

	Mfr Item				
Item No.	No.	Description	Qty	Qty Break	Your Cost
3064-01	111450	TruStream Sampling Assembly 250ml		1-24	6.10
		Bag, tubing and 18g needle - Sterile		25+	5.47
3064-03	111730	TruStream Sampling Assembly 2 liter		1-9	6.31
		Bag, tubing and 18g needle - Sterile		multi. of 10	5.78
				multi. of 100	5.36
3064-06	111930	TruStream Sampling Assembly 7 liter	pack/5	1-2	45.37
		Bag, tubing and 18g needle - Sterile		3+	44.44
3064-09	112010	flow control clamp			6.82
3064-09	112010	5, 5 5		-	









Monoiect[®] Sterile Needles

Original equipment replacement fits all syringes. Individually wrapped.

Monoject[®] Sterile Single-Use Syringes (Covidien)

Original equipment replacement for use with the QualiTru aseptic sampling system. Luer-Lok™ tip. Individually wrapped. Needles available separately. Superb value!

ltem No.	Capacity, cc / oz.	Packaging	Qty	Qty Break	Your Cost
3063-01	35 / 1	Rigid	case/180	1-4	178.99
				5+	159.56
3063-02	35 / 1	Rigid	pack/30		37.76
4414-08	35 / 1	Soft	case/160	1-4	115.90
				5+	100.14
3063-05	60 / 2	Rigid	case/100	1-4	149.90
		-		5+	133.60
3063-06	60 / 2	Rigid	pack/20		41.87
4414-12	60 / 2	Soft	case/120	1-4	95.88
				5+	84.26

Item No.	Pack	Gauge	Length, in.	Color Code	Qty	Qty Break	Your Cost
3063-40		14	2	metal	case/1000		217.57
3063-41		14	2	metal	pack/100		20.34
3063-42		14	1 1/2″	metal	case/1000		217.24
3063-43		14	1 1/2″	metal	pack/100		20.34
3063-44		16	1 1/2″	metal	case/1000		209.78
3063-45		16	1 1/2″	metal	pack/100		20.91
3063-07	Rigid	18	1 1/2″	green	case/1000		129.33
3063-08	Rigid	18	1 1/2″	green	pack/100		15.15
4414-25	Soft	18	1 1/2″	green	case/1000	1-4	106.65
						5+	94.72
4414-26	Soft	18	1 1/2″	green	pack/100		11.93
3063-10	Rigid	20	1 1/2″	pink	case/1000		131.96
3063-11	Rigid	20	1 1/2″	pink	pack/100		15.49
4414-28	Soft	20	1 1/2″	pink	case/1000	1-4	104.17
						5+	97.90
4414-29	Soft	20	1 1/2″	pink	pack/100		12.68

SEE ADDITIONAL SYRINGE OPTIONS ON PAGE 130

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SAMPLING SUPPLIES



Smaller	[·] Single	-Use	Syringes	(BD)	٣
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3063-50

Sterile individually wrapped. Luer-Lok™ tip.

ltem No.	Mfr Item No.	Description	Qty	Qty Break	Your Cost
3063-53	309624	1 mL syringe with 21 g X 1" needle attached	case/800		218.29
3063-54	309624	1 mL syringe with 21 g X 1" needle attached	pack/100		28.29
3063-50	309580	3 mL syringe with 18 g X 1 1/2 " needle attached	case/800	1-4 5+	207.67 176.37
3063-51	309580	3 mL syringe with 18 g X 1 1/2 " needle attached	pack/100		35.57
3063-38	309657	3 mL syringe, needle available separately	case/800	1-4 5+	96.36 85.37
3063-37	309657	3 mL syringe, needle available separately	pack/200		28.00



Sterile Single-Use Syringe (BD[®])

Popular for use with in-line aseptic sampling systems. Luer-Lok™ tip. Needle available separately. Individually wrapped.

ltem No.	Capacity, cc	Mfr Item No.	Qty	Qty Break	Your Cost
3063-35	10	302995	case/400	1-4	101.10
				5+	87.96
3063-34	10	302995	pack/200		74.77
3063-65	20	302830	case/192	1-4	122.21
				5+	106.93
3063-28	50	309653	case /160	1-4	200.14
				5+	154.31
3063-29	50	309653	pack/40		63.05

Alcohol Wipes (Covidien)

Prep pads of surgically pure cotton felt saturated with 70% isopropyl alcohol. Sterile pads are prepackaged in individually sealed, foil laminated packets. Case of 4000.

Item No.	Qty Break	Your Cost
4350-20	1	78.68
	21	52.45



Sterile Syringe Needles (BD®)

Fits 30 and 60 cc syringes.

	5					
Mfr. Item No	Gauge	Length, in.	Hub Color	Qty	Qty Break	Your Cost
305198	16	1 1/2	Lavender	case/1000		282.59
305196	18	1 1/2	pink	case/1000	1-4	115.26
					5+	89.06
305196	18	1 1/2	pink	pack/100		12.66
	No 305198 305196	No Gauge 305198 16 305196 18	No Gauge in. 305198 16 1 1/2 305196 18 1 1/2	No Gauge in. Color 305198 16 1 1/2 Lavender 305196 18 1 1/2 pink	No Gauge in. Color Qty 305198 16 1 1/2 Lavender case/1000 305196 18 1 1/2 pink case/1000	No Gauge in. Color Qty Break 305198 16 1 1/2 Lavender case/1000 305196 18 1 1/2 pink case/1000 1-4 5+

Sterile Single-Use Syringe (MHC Medical)

Popular for use with QMI in-line aseptic sampling systems. Luer-Lok[™] tip. Needle available separately. Individually wrapped.

Capacity, cc	Mfr Item No.	Qty	Qty Break	Your Cost
30	802034	case/224	1-4	156.92
			5+	136.52
30	802034	pack/56		56.13
	cc 30	cc No. 30 802034	cc No. Qty 30 802034 case/224	cc No. Qty Break 30 802034 case/224 1-4 5+





Safety Sharps Collector (BD5460)

Prevent accidental needlestick. "Point-first" tapered neck for safe disposal of needles and syringes. Rigid polypropylene container with sturdy handles is durable and puncture resistant for safe transport and final disposal. Clearly labeled bright red box has a 2 gallon capacity. Can be autoclaved and compacted, or incinerated.

Item No.	Qty	Qty Break	Your Cost	Qty Break	Your Cost
3063-82	each	1-23	11.54	Multiples of 24	8.83

Sharps-A-Gator[™] Container (Covidien 31142222)

Clear, locking top with large horizontal load opening that accommodates larger syringes. Container locks for final disposal. Safe to autoclave or incinerate. Clearly labeled nestable red box has a 2 gallon capacity. Simple assembly.

Item No.	Qty	Qty Break	Your Cost	Qty Break	Your Cost
3063-89	each	1-19	19.35	Multiples of 20	14.12

SEE ADDITIONAL SYRINGE OPTIONS ON PAGE 129

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Pre-moistened Speci-Sponge® Sterile Sampling System (Nasco)

Ready to use

Recognized for effective environmental surface sampling of work areas, equipment, and any other place where testing for Listeria, Salmonella and other foodborne pathogens is required. Sampling system contains a sponge moistened with neutralizing buffer that is packaged inside a Whirl-Pak bag, available with or without a sterile glove in a separate sealed compartment. After wiping surface to be tested, simply return the sponge to its original Whirl-Pak bag. Sample is then ready to be transported to the laboratory for analysis. The glove is packaged with the open end up so it can be put on without touching the hand area. Samples remain viable for 24 hours and up to 36 hours in some conditions.



Sponge is free of bactericides and is non-inhibitory, measures $1.5'' \times 3'' \times 5/8'' (38 \times 76 \times 16 mm)$. Volume and dimensions are approximate. Bags should not be used temperatures above $180^{\circ}F(82^{\circ}C)$.

Pack of 100.

Capacity: 18 oz./532mL

Size: 4 1/2" x 9"/ 114 x 229mm

ltem No.	Mfr Item No.	Description	Your Cost
3060-83	01422	2.5 mil thick	249.98
3060-85	01423	2.5 mil thick, with sterile glove	291.45

Dehydrated Speci-Sponge® Sterile Sampling System (Nasco)

Used to collect bacteria samples from a work surface, equipment, animal carcasses, and other areas. Sampling system contains a dry sponge packaged inside a Whirl-Pak bag, with or without a sterile glove in a separate sealed compartment. After adding diluent (available separately) and wiping surface to be tested, simply return the sponge to its original Whirl-Pak bag. Sample is then ready to be transported to the laboratory for analysis. The glove is packaged with the open end up so it can be put on without touching the hand area.

Sponge is free of bactericides and is non-inhibitory, measures $1.5'' \times 3'' (38 \times 76 \text{ mm})$, and when wet is about 5/8'' (16 mm) thick. Volume and dimensions are approximate. Bags should not be used at temperatures above 180° F (82° C). Pack of 100.

ltem	Mfr	Capacity	Size	Description	Qty	Your
No.	Item No.	oz./mL	Inches/mm		Break	Cost
3060-75	01245	18 oz./532	4 1/2 x 9 / 114 x 229	2.5 mil thick bag	1-9 10+	117.54 104.33

Solar-Cult® Environmental Sampling Solutions (Solar Biologicals)

Diluents are offered in convenient 10 and 15-mL volumes. The 10 mL volume is offered to those who prefer to purchase dry rather than pre-moistened sponges for HACCP sampling. The 10-mL aliquots are used to moisten sampling sponges immediately prior to surface sampling. The 15-mL quantities are required after sampling. After surface sampling, each sponge containing a specimen is placed in a plastic transport bag to which a 15-mL volume of diluent is added. Both products are sterile and contained in optically clear and colorless screw-top 15 mL graduated polystyrene conical centrifuge tubes.

Item	Mfr			Your
No.	ltem no.	Description	Qty.	Cost
3611-03	NB10	Neutralizing Buffer (10 mL)	pack/10	12.41
3611-23	BPB10	Butterfield's Phosphate Buffer (10 mL)	pack/10	12.84
3611-33	BPW10	Buffer Peptone Water (10 mL)	pack/10	13.51
5011 55		Builer reptone water (10 mil)	puele re	13.3

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SAMPLING SUPPLIES

SPONGE SAMPLERS

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BEST

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MegaSampler[™] Sampling Device (Weber Scientific)

Make Environmental Surface Sampling Faster and Easier

A pre-moistened sponge, with 10 ml of DE Neutralizing Broth, individually wrapped in a reusable sample bag, is secured to the sampling handle using a unique design that enhances sampling efficacy. Product has been irradiated.

- Twice the sampling surface
- Sampling tip for hard to reach places
- Sponge is held in place without glue or chemicals
- Sponge is easy to separate from handle
- · Biofilm scraping blade incorporated into the handle design



Item No.	Description	Qty	Qty Break	Your Cost	Qty Break	Your Cost
3070-10	10 mL of DE Neutralizing Broth	Case/100 (5 Packs of 20)	1	152.75	2+	141.69
3070-08	10 mL of Neutralizing Broth	Case/100 (5 Packs of 20)	1	152.75	2+	141.69
3070-09	10 mL of Letheen Broth	Case/100 (5 Packs of 20)	1	152.75	2+	141.69
3070-06	Dry Sponge on Stick; Sterile	Case/100		132.61		
3070-00	8 Foot MegaSampler Extension Pole	Each		176.25		
3070-01	12 Foot MegaSampler Extension Pole	Each		195.71		
3070-02	18 Foot MegaSampler Extension Pole	Each		210.77		



TwinSampler Sampling Device (Weber Scientific)

Handle Carries Two Sponges for a True Comparison Sampler

The TwinSampler is individually wrapped in a reusable sample bag. The dual sponges are secured to the sampling handle using a unique design that enhances sampling efficacy. Premoistened with 10 ml of DE Neutralizing Broth. Product has been irradiated.

- Two sponges in the same handle
- The only true comparison sampler
- Sampling tip for hard to reach places
- Sponges are held in place without glue or chemicals
 - Sponges are easy to separate from handle
- Biofilm scraping blade incorporated into the handle design
- Second bag included





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Sani-Stick Sponge Handle Sampling System (Labplas)

One bag system - return sponge to the same sterile sample bag

Widely used in the food, public health and cosmetic industries. The Sani-Stick kit is convenient and easy-to-use and helps eliminate several timeconsuming steps. This product comes in a TWIRL'EM® sterile sampling bag. Sterile pre-moistened polyurethane sponge with quick release handle. Remove the handle (sponge attached), collect sample, return to bag, release sponge into bag, twirl bag closed and send to lab for analysis. Eliminates the need for sterile gloves. 15 oz. (450 mL) capacity bag.

	ltem No.	Mfr ItemNo.	Description	Qty	Qty Break	Your Cost
٢	3060-21	KSS-67910-NE	10 mL neutralizing	pack/100	1	257.01
•			buffer		2+	229.54
٢	3060-22	KSS-67910-DE	10 mL DE neutralizing	pack/100	1	257.01
Ý			buffer		2+	229.95

Solar Cult[®] Sponge Handle Sampling System (Solar Biologicals)

Sample hard-to-reach surfaces without directly holding a sponge

Sterile pre-moistened cellulose sponge with quick release handle is designed for sampling for microbiological contamination on almost any surface. Packaged in an easy-tear foil pouch. Comes with a sterile twirl-tie bag to make this an all-inclusive sampling system. Simply remove the handle (sponge attached), collect sample, return to



twirl-tie bag, release sponge into bag, twirl bag closed and send to lab for analysis. 2-year shelf life from date of manufacture.

The added convenience of the quick release handle allows for the sponge to be released directly into the twirl-tie bag after sample collection. Only the sponge goes back into the bag after sample collection eliminating any unnecessary parts that may interfere with sample processing.

	ltem No.	Mfr Item No.	Description	Qty	Qty Break	Your Cost
	3060-98	SH-10NB	Pre-moistened with	pack/	1	210.16
			10 mL Neutralizing Buffer	100	2+	193.20
۲	3060-95	SH-10LB	Pre-moistened with	pack/	1	210.03
V			10 mL Letheen Broth	100	2+	193.08
٣	3060-97	SH-10DE	Pre-moistened with	pack/	1	210.16
¥			10 mL DE	100	2+	193.20
			Neutralizing Buffer			

Solar-Cult® Pre-moistened Cellulose Sponge Sampling Systems (Solar Biologicals)

This sterile pre-moistened cellulose sponge is designed for sampling microbiological contamination on almost any surface. It is a convenient ready to use product designed to eliminate the costly, time-consuming steps of diluent preparation, sterilization and application to sampling devices. The system consists of a cellulose sponge that has been moistened with 10 mL of transfer diluent and then sealed in a foil pouch. Possible contamination, by diluent and/or sponge during the moistening step, is eliminated by sterilizing the sealed product with Gamma Radiation. The robust construction of the sponge permits sampling microbiological contamination of large surface areas by allowing the user to vigorously rub almost any surface. To meet specific user requirements, a choice of three different diluent materials is available:

Neutralizing Buffer assists in the recovery of microorganisms in samples taken from surfaces exposed to sanitizing agents. It has the ability to inactivate the bactericidal and bacteriostatic effects of sanitizing agents such as chlorine and quaternary ammonium compounds (Difco Manual).

Buffered Peptone Water assists in the recovery of fastidious pathogenic microorganisms recommended for use in HACCP.

Pre-moistened Sponges Packaged in Foil Pouch

	Mfr			Your
Item No.	Item No.	Description	Qty	Cost
3060-82	BS-10NB-1	Solar-Cult [®] Cellulose sponge pre-moistened with 10 mL Neutralizing Buffer, individually wrapped in foil pouch, Sterile	pack/100	179.83
3060-90	BS-10BPW-1	Solar-Cult [®] Cellulose sponge pre-moistened with 10 mL Buffered Peptone Water, individually wrapped in foil pouch, Sterile	pack/100	179.93
3060-92	BS-10BPW-5	Same as above	pack/500	894.36

Pre-moistened Sponges Packaged in 4 oz. Screw Cap Vials

3060-60	SV-10NB-1	Solar-Cult® Cellulose sponge pre-moistened with 10 mL Neutralizing Buffer,	pack/100	213.05
		individually packaged in 4 oz vial, Sterile		



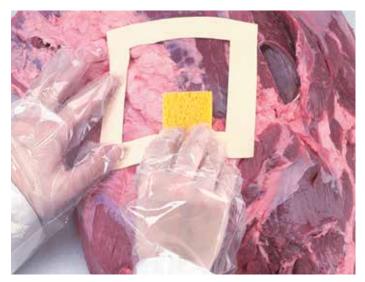
3060-82



3060-60

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Sterile Meat/Turkey Carcass Sampling Kit (Nasco B01324WA)

EBER SCIENTIFIC

This kit is designed for sampling meat and turkey carcasses to test for the presence of E. coli. The kit contains a pair of sterile gloves, 25 mL buffered peptone water, a Whirl-Pak® "Speci-Sponge®" bag, and two disposable sterile templates (one for meat carcasses and one for turkeys). The disposable template eliminates the need for re-sanitizing reusable templates. The gloves and template are packaged together in a sealed plastic bag. After moistening the sponge with half of the peptone water, the carcass is swabbed with the sponge through the template in three places for meat carcasses and two places on turkeys. The sponge is then returned to the bag and the balance of the peptone water is added. Finally, the bag is closed and sent to a laboratory for testing.

ltem		Your
No.	Description	Cost
3610-75	25 tests per pack	194.56



Solar-Cult[®] Beef/Swine Carcass Sampling Kit (Solar Biologicals)

This kit has been designed to contain essentially everything needed to collect and transport ten Environmental/HACCP beef and swine specimens for foodborne pathogen analysis. The nondestructive sampling procedure was prepared using FSIS/USDA Pathogen Reduction/HACCP Regulations. In addition



to sampling templates, gloves, bags and packing materials, the kit contains convenient ready to use pre-moistened Solar-Cult sponges as well as vials of sterile diluent in pre-measured 15-mL aliquots. A kit insert contains simple instructions and precautions.

ltem No.	Mfr Item No.	Description	Your Cost
3610-80	A40BP	 Beef/Swine Carcass Sampling Kit 10 Tests Contents per Kit: 10 - Sterile Solar-Cult® Cellulose sponges premoistened with 10 mL Butterfield's Phosphate Diluent, individually wrapped in foil pouch 10 - Vials of 15 mL Sterile Butterfield's Phosphate Diluent 10 poirs - Sterile sampling gloves 10 - Twirl-tie sterile sample bags 10 - Sterile sompling identification 10 - Sterile sampling templates 10cm x 10cm Instructions 	52.83
3610-85	A40BPW	Beef/Swine Carcass Sampling Kit 10 Tests CONTENTS: as above only with BUFFERED PEPTONE WATER	52.83

Sterile Sampling Template (Solar Biologicals)

Individually wrapped in zipper bag. Pack of 100.

ltem No.	Dimensions	Your Cost
3610-08	5 cm x 10 cm (2″ x 4″)	125.59
3610-10	10 cm x 10 cm (4″ x 4″)	125.59



Hype-Wipe[™] Disinfecting Bleach Towels (Current Technologies)

Eliminate the risk and inconvenience of using bleach in bottles or requiring staff to mix bleach in-house. Individually packaged Hype-Wipes are presaturated with sodium hypochlorite pre-diluted to 0.525% for convenient and portable use. Pocketsized 3" x 4" foil pouch; towel unfolds to 6" x 12".



ltem	Concentration,		Qty	Your
No.	bleach	Qty	Break	Cost
4350-60	0.525%, regular	case/100	1-2	172.00
			3+	165 13

132 SAMPLING SUPPLIES

igwedge weber exclusive $\,\,igwedge$ first case upgrade $\,\,igwedge$ hazardous materials $\,\,\,$ ships on ice

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Drag Swabs Poultry Sampling Kits (Solar Biologicals)

Salmonella contamination of poultry and other livestock products is a worldwide concern. Reduction of Salmonella contamination at the farm has been identified as an important step in the resolution of this problem. To meet this objective, methods for monitoring Salmonella contamination in livestock shelters, beginning with Drag Swab sampling, have been developed in concert with the USDA Food Safety Inspection Service. Drag Swab kits are sterile sampling devices used to sample poultry litter for pathogenic organisms, e.g. Salmonella. Each pocket-size kit contains a 30-mL polypropylene vial that encloses a sterile 4-ply 3"x3" cotton gauze swab (pre-moistened with double strength skim milk) attached to a cord about six feet in length. Also included for

your convenience is a pair of plastic gloves, a label and a plastic biohazard transport bag. A specimen is collected, using this device, by dragging the swab, which is pre-moistened with double strength skim milk (Difco), along the floor for 10 to 20 minutes. The skim milk (holding medium) provides a protective environment for any Salmonellae collected and makes the swab slightly sticky enhancing adherence of litter particles¹. The above procedure can be modified to accommodate rows of piled manure, cage layers, etc. The gauze swab and string are then placed into a biohazard labeled bag for transport to the laboratory. The drag swabs come in boxes of twenty-five swab kits, in cases of four boxes (100 drag swab kits).



References:

References: 1. Mallinson, ET. (1991) Novel salmonella detection system developed; combines increased reliability, practicality. Article in Feedstuffs: The weekly newspaper for agribusiness - January 28 1991 Food Safety and Inspection Service, United States Department of Agriculture, Pathogen Reduction; Hazard Analysis and Critical Control Point (HACCP) Systems. Appendix E FSIS Sample Collection Guidelines and Procedure for Isolation and Identification of Salmonella from Raw Meat and Poulty Specimens. Federal Register / Vol. 61, No.144 / Thursday, July 25, 1996 / Rules and Regulations: 38917-38929.

Meets

Specifications

of the USDA/

FSIS Final Rule

on Pathogen

Reduction

Item No.	Mfr Item No.	Description	Your Cost
3610-38	DS-001	Case of 100 (4x pack/25) kits. Each kit contains a 30 mL- polypropylene vial which encloses a sterile 4-ply 3"x 3" cotton	286.57
		gauze swab (pre-moistened with double strength skim milk) attached to a cord approx. six feet in length. The drag	
		swab is packaged with a pair of plastic gloves and a label in the attached pouch of a sterile twirl-tie type sample bag.	

Mega-Reg 400[™] Butterfield's Phosphate Buffer **№**

This crystal-clear plastic jar contains 400 mL of sterile Butterfield's Phosphate Diluent (BPD). It was designed for cost-effective and convenient sampling of chicken carcasses for required generic E. coli testing. For added convenience you may use this same sterile container to transport 30 mL of the final rinse fluid back to the lab for analysis.

The PET jar is leak-proof and optically clear. The regulations specify that the Butterfield's diluent is checked for cloudiness/turbidity prior to use. This jar meets that requirement.

Sterilized by Gamma-irradiation. Disposable and fully recyclable.

	Item No.	Description	Qty Break	Your Cost	Qty Break	Your Cost
\bigcirc	3620-10	pack/24	1-4	72.81	5+	60.67

Sterile Poultry Rinse Bags (NASCO B01319)

The large 15" x 20" size is designed to easily hold chickens. It is sealed at the top and has a perforation for easy opening, making it easy for you to use one bag at a time without concern of contamination. Bags are sealed in a liner bag and are sterile.

Item No.	Description	Qty	Your Cost
3610-30	15" x 20" chicken rinse bag; 2 mil	pack/250	88.76







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EasyCollect Fabric Meat Sampler 🚿

Easy Collect is an easy-to-use collection device used for pathogen enumeration in meat. Each sampling bag contains a 5-folded, 24" x 8" cloth, allowing for large surface collection. The non-woven cloth leaves no residue on the surface being sampled.

The sampling bag itself allows for Buffered Peptone Water (BPW), or other suitable diluent, to be introduced. This bag includes a write-on label area and can be easily stomached, if desired.

EasyCollect Fabric Meat Sampler is a white, non-woven polypropylene material sized 24"by 8", folded 5 times. Comes in a blue sample bag which is 55 oz (7.5" x 11"). Meets specifications of the USDA/FSIS N-60 Sampling Program for Ground Beef Safety.

Key Features

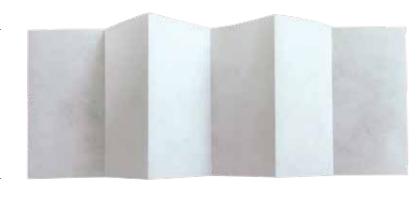
8′

- Non-destructive sampling method means no wasted product
- 55oz (7.5x11") blue sample bag with 24x8" non-woven cloth
- Comparable to USDA/FSIS N-60 Sampling Program for Ground Beef Safety

Item		Your
No.	Qty	Cost
3610-95	Pack/100	172.43



Validation study available at weberscientific.com



24″

See weberscientific.com for EasyCollect Fabric Meat Sampler instructional video and white paper





134 SAMPLING SUPPLIES

Meat & Poultry Testing



Raw Meat FlowThrough[™] Speciation Food Tests



Raw Meat Species FlowThrough™ Swab Tests for **Environmental Testing**

Onsite Raw Meat FlowThrough[™] Food Tests and Swabs (Bio-Check UK)

Detect the presence of undesirable meat species in minutes

Bio-Check (UK) Onsite Raw Meat FlowThrough Food and Swabs Tests were developed as an innovative range of FlowThrough™ tests for raw meat speciation. In a few minutes, laboratories or meat processors can detect the presence of undesirable meat species in one or more test samples. They are ideal for QC labs and an invaluable "early warning" system for meat processors to prevent food fraud/food adulteration.

In under 15 minutes, the easy-to-use Raw Meat FlowThrough™ Speciation Food Tests will efficiently detect low levels (<1%) of meat species adulteration / contamination in raw meat products. They have been validated using LGC Raw Meat Certificated Reference Materials, a panel of shop bought meats and over 50 potentially cross-reacting food ingredients as well as compared to confirmatory raw meat ELISAs. They will save factory laboratories time and money and give them peace of mind as to the integrity of their raw materials and products.

The Raw Meat Species FlowThrough™ Swab Tests take under 8 minutes to perform, detecting the species-specific proteins at µg levels on food-contact surfaces. The test consists of just three components (an innovative swab device, a colour reagent and the test unit) no special equipment or training is required, which makes the FlowThrough[™] Swab test simple and easy to perform.

Key Features

- Easy to use, no special training required
- Includes all materials for conducting five tests •
- Reliable, sensitive detection
- Results in < 8 minutes for surfaces, <15 minutes for foods
- No 'overload' risk if high levels of contamination in foods

Item No.	Description	Qty	Your Cost
Raw Meat F	lowThrough™ Speciation Food Tests		
3667-10	Raw Cow FlowThrough Food Test Kit	Pack of 5	87.63
3667-11	Raw Horse FlowThrough Food Test Kit	Pack of 5	87.63
3667-12	Raw Pig FlowThrough Food Test Kit	Pack of 5	87.63
3667-13	Raw Sheep FlowThrough Food Test Kit	Pack of 5	87.63
3667-14	Raw Poultry FlowThrough Food Test Kit	Pack of 5	87.63
Raw Meat S	pecies FlowThrough™ Swab Tests for Envir	onmental Testir	ig
3667-15	Raw Cow FlowThrough Swabs	Pack of 5	87.63
3667-16	Raw Pig FlowThrough Swabs	Pack of 5	82.63
3667-17	Raw Poultry FlowThrough Swabs	Pack of 5	87.63
3667-18	Raw Sheep FlowThrough Swabs	Pack of 5	87.63



Results in Minutes

The simple six part procedure typically takes no more than 15 minutes to perform, includes 2 minutes for extraction.

Easy to use and easy to read results with no special training required.

Slider Zipper Poly Bags

ZIPPER POLY BAGS

BER SCIENTIFIC

Meets FDA and USDA specifications for food inspection

Heavy duty polyethylene bags with a consistently tight seal. Easy to use with gloves. 2.7 mil thick. Case of 250.

ltem No.	Nominal capacity	Dimensions Outside, inches/mm	Usable Size, inches/mm
3151-40	Quart	8 x 7 / 203 x 178	6 3/4 x 7 / 171 x 178
3151-41	Gallon	10.5 x 11 / 267 x 179	9 x 11 / 229 x 279
3151-42	2 ½ Gallon	13 x 18 / 330 x 457	11.5 x 18 / 292 / 457

ltem No.	Description	Qty	Qty Break	Your Cost
3151-40	Quart Slider Zipper Bag	250	1-4	48.93
			5+	42.89
3151-41	Gallon Slider Zipper Bag	250	1-4	80.89
			5+	70.94
3151-42	2.5 Gallon Slider Zipper Bag	250	1-4	126.38
			5+	110.82

Slider Write-On Strip Zipper Poly Bags

Meets FDA and USDA specifications for food inspection

Heavy duty polyethylene bags with a consistently tight seal. Easy to use with gloves. 2.7 mil thick. Case of 250.

ltem No.	Nominal capacity	Dimensions Outside, inches/mm	Usable Size, inches/mm
3151-43	Quart	8 x 7 / 203 x 178	6 3/4 x 7 / 171 x 178
3151-44	Gallon	10.5 x 11 / 267 x 179	9 x 11 / 229 x 279

ltem No.	Description	Qty	Qty Break	Your Cost
3151-43	Quart Slider Zipper Bag	250	1-4	54.44
			5+	47.74
3151-44	Gallon Slider Zipper Bag	250	1-4	92.96
			5+	81.53

Zipper Poly Bags

Meets FDA and USDA specifications for food inspection



Heavy duty polyethylene bags with a consistently tight seal. Easy to use with gloves. 2 mil thick. Case of 1000.

Item No.	Nominal capacity	Dimensions Outside, inches/mm	Usable Size, inches/ mm
3151-50	Quart	8 x 7 / 203 x 178	6 3/4 x 7 / 171 x 178
3151-51	Gallon	10.5 x 11 / 267 x 179	9 x 11 / 229 x 279
3151-52	2 ½ Gallon	13 x 18 / 330 x 457	11.5 x 18 / 292 x 457

			Qty	
Item No.	Description	Qty	Break	Your Cost
3151-50	Quart Zipper Bag	1000	1-2	87.18
	with hang-hole		3+	76.45
3151-51	Gallon Slider Zipper Bag	1000	1-2	155.42
			3+	136.29
3151-52	2.5 Gallon Zipper Bag	1000	1-2	262.50
			3+	230.20

Zipper 4 mil Poly Bags

Meets FDA and USDA specifications for food inspection

Extra heavy duty polyethylene bags with a consistently tight seal. Easy to use with gloves. 4 mil thick. Case of 500.



Item No.Nominal
capacityDimensions Outside,
inches/mmUsable Size, inches/
mm3151-54Gallon10.5 x 11 / 267 x 1799 x 11 / 229 x 279

Item No.	Description	Qty	Qty Break	Your Cost
3151-54	Gallon Slider Zipper Bag	500	1-2	167.68
			3+	147.06



General Purpose Plastic Bags (Bel-Art

Scienceware)

Non-sterile, reusable, transparent polyethylene bags fill a variety of needs: shipping, storage and especially useful as sample bags. Not autoclavable. The lightweight bags are .038 mm (.0015") thick and heavyweight bags are .1016 mm (.004") thick. pack/100.

Item No.	Lightweight Size inches/mm	Your Cost
3150-15	8 x 12 / 203 x 305	31.71
3150-20	8 x 16 / 203 x 406	32.49
3150-25	10 x 16 / 254 x 406	36.66
3150-30	12 x 18 / 305 x 457	38.73
3150-35	12 x 20 / 305 x 508	44.51

ltem No.	Heavyweight Size inches/mm	Your Cost
3151-10	6 x 12 / 152 x 254	43.61
3151-25	10 x 16 / 254 x 406	60.29
3151-35	12 x 20 / 305 x 508	77.41

📉 WEBER EXCLUSIVE 🛛 😚 FIRST CASE UPGRADE 👍 HAZARDOUS MATERIALS

Pay the lowest quantity discount pricing by placing a standing order. See ordering information for details.

SHIPS ON ICE

Sampling Bags

RACK'N'LAB Sampling Bag Racks (Labplas)

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Labplas' RACK'N'LAB is best used to transport bags used in food testing and environmental water sampling, and many other industries. Its innovative design allows multiple bags to be used while being held upright without the need for bottles or specifically designed bags.

This light weight and versatile rack takes up very little storage space when stored in its flat form and is available in two different sizes.

- Made of FDA approved virgin polypropylene
- Shipped in one inch thick boxes with three flat racks inside
 - Assembled or dismantled in less than one minute
 - The sturdy handle facilitates safe transportation
- Racks are stackable and will easily fit in standard coolers

Item No.	Mfr Item No.	Description	Size	Your Cost
3033-14	SA5-3070	Sampling Bag Racks	12″ X 6.75″ X 3″	81.35
3033-16	SA5-7012	Sampling Bag Racks	12″ X 9.72″ X 4.6″	82.40

- .

 - Identified rows allow for easy identification of samples
 - Up to 40ml can be retained in case of a leak

SAMPLING BAG RACKS

Whirl-Pak[®] Sterile Filter Bags (Nasco)

- Bag has a finely perforated middle layer of polyethylene, 1,840 holes per square inch, and each hole has a diameter of .33 mm, 330 microns.
- Designed for use in laboratory homogenizer blenders, to separate liquids from solids during the blending process.
- After the sample has been blended, a pipet can be used to remove the liquid for testing.
- Bag can easily be reclosed and retained for future use. •
- With write-on strip label with an ordinary ballpoint pen, pencil or marker.
- Capacity is measured when the bag is closed and tab is folded over 3 times. Volume and dimensions are approximate.
- Bags should not be used at temperatures above 180°F (82°C).

	Mfr	Ca	pacity		Size	Thickness	Qty/	Your
Item No.	Item No.	Oz. /	mL	Inches	mm	mil	pack	Cost
3034-80	01385	7	207	3 3/4 X 7	95 X 179	3	250	166.98
3034-93	01348	24	710	6 X 9	150 X 230	4	250	218.31
3034-95	01318	55	1627	7 1/2 X 12	190 X 300	4	250	259.46
3034-97	01416	69	2041	7 1/2 X 15	190 X 380	4	250	274.25
3034-94	01488	92	2732	10 X 15	254 X 380	4	100	204.50
3034-84	01525	138	4080	15 x 15	380 x 380	4	100	219.57

Filter Bag without Tape and Wire (Nasco)

Sterile filter blender bag with perforated closure but no tape and wire re-closure. 250 per box.

ltem No.	Mfr Item No.	Capacity oz. / mL	Size Inches/m	Thickness mil	Qty/pack
3035-22	B01547WA	55 1,627	71/2 x 12 190x300	4	250
Item No.			Qty Break		Your Cost
3035-22			1		187.98
			2+		170.74

Weber Scientific Sterile Filter Whirl-Bags

Compare to Whirl-Pak[®] but at spectacular savings!

	Cap	acity	Size			Thickness	Qty/	Your
Item No.	Oz.	mL	Inches	mm	Description	mil	pack	Cost
3033-41	24	710	6 X 9	150 X 230	write-on filter	4	250	89.12
3033-42	55	1627	7.5 X 12	190 X 300	write-on filter	4	250	127.05

800-328-8378

ACCESSORIES: FOR SAMPLING

Autoclave Bags see page 8.

SAMPLING SUPPLIES





Sterile Homogenizer Blender Bags (Nasco)

- Fits Stomacher® and all other blenders.
- All bags (including plain opening) are sealed at the top to maintain sterility and have a
 perforation for easy opening.
- Sterile, single service bags are made of heavy transparent polyethylene.
- Leak-proof and airtight.
- Puncture-proof tabs.

BLENDER BAGS

- Capacity is measured when the bag is closed and tab is folded over 3 times. Volume and dimensions are approximate.
- Bags should not be used at temperatures above 180°F (82°C). Bags can be frozen to any temperature.
- Write-on strips have a paper-like and smear-resistant finish and can be written on with an
 ordinary ballpoint pen, pencil or marker.





3034-79

3034-89

	Mfr	Ca	apacity		Size		Thickness	Qty/	Your
Item No.	Item No.	Oz.	mL	Inches	mm	Description	mil	pack	Cost
3034-85	01063	24	710	6 X 9	150 X 230	Whirl-Pak plain	4	500	149.43
3034-87	01196	24	710	6 X 9	150 X 230	Whirl-Pak w/ write-on strip	4	500	154.64
3034-89	01195	55	1627	7 1/2 X 12	190 X 300	Whirl-Pak w/write-on strip	4	500	215.82
3034-91	01239	52	1560	7 X 13	185 X 330	Whirl-Pak w/ write-on strip & round bottom seal	4	500	263.98
3034-79	01421	55	1627	7 X 12	185 X 300	plain opening with perforation	3	1000	173.81
3034-82	01474	184	5441	15 X 20	275 X 500	plain opening with perforation	4	250	218.32



Locking Pipe Closures (Nasco)

These handy locking pipes allow you to temporarily close a Whirl-Pak® bag without having to whirl it closed for an air- and watertight seal. Use the locking pipes with the plain closure bags (B01547WA) to save money. Locking Pipes are autoclavable and cost effective. Pack of 50 nonsterile closures. Available pack of 50.

	Tour
ltem No.	Cost
3033-85	66.24

Stomacher[®] Lab Blender Bags (Seward)

Seward blender bags are manufactured using high-grade, food-quality polyethylene. Strongest and most durable bags available—2.75 mil thick. Gamma-irradiated—sterility certificate available upon request.

Closure Bags – can be securely closed with the wire closure strip across the top of the bag. These bags also feature rounded corners for optimal sample recovery.

Strainer Bags – have an inner plastic mesh bag that retains larger particles of your sample to help prevent your pipet from getting clogged.



ltem No.	Mfr Item No.	Description	Size mm/in.	Qty	Your Cost
3068-30	30020103	Standard Bags for Model 400; packs of 50	177 x 305 / 7 x 12	cs/500	106.19
3068-32	30020146	Standard Bags for Model 400; packs of 5	177 x 305 / 7 x 12	cs/500	170.29
3068-34	30020219	Closure Bags for Model 400, rounded	177 x 305 / 7 x 12	cs/250	201.55
3068-36	30020251	Strainer Bags for Model 400	177 x 305 / 7 x 12	cs/200	259.00
3068-38	30020316	Standard Bags for Model 3500	380 x 510 / 15 x 20	cs/250	230.53

Stomacher[®] Bag Racks (Seward)

Item No.	Mfr Item No.	Descripton	Capacity	Your Cost
3068-41	30021100	Bag Rack for Model 400	1bag	62.57
3068-43	30021126	Bag Rack for Model 400	10 bags	199.63
3068-45	30021207	Bag Rack for Model 3500	3 bags	370.44
3068-47	30021509	Bag Opener		53.49

ACCESSORIES: FOR SAMPLING BAGS



Utility Carriers see page 81. Lab Homogenizers see page 15. Non-Sterile Bags see pages 8, and 136.

Sampling Bags



Weber Scientific Sterile Sampling Bags 🚿

Compare and Save on Sterile Sampling Bags

We offer an expansive assortment of sizes and styles to meet your sampling needs. Weber Scientific Sterile Sampling Bags feature one seam instead of three, for a more leak-resistant hold. Made of heavier weight plastic from 2.25 - 4 mil, and featuring puncture proof tabs that are longer for a more secure close.

	Capa	city	Size			Thickness	Qty/	Your
Item No.	Oz.	mL	Inches	mm	Description	mil	pack	Cost
3032-51	2	58	3 X 5	75 X 125	write-on	2.25	500	37.96
3033-51	4	118	3 X 7 1/4	75 X 185	write-on	2.25	500	42.31
3034-51	18	532	4 1/2 X 9	115 X 230	write-on	2.25	500	71.70
3034-50	18	532	4 1/2 X 9	115 X 230	plain	2.25	500	64.52
3034-77	24	710	6 X 9	150 X 230	write-on	3	500	109.62
3034-75	24	710	6 X 9	150 X 230	plain	3	500	86.05
3033-20	55	1627	7 1/2 X 12	190 X 300	write-on	4	250	82.97
3033-21	55	1627	7 1/2 X 12	190 X 300	plain	4	250	60.22
3033-30	100	2957	14 X 10	356 X 254	write-on	4	250	126.02
3033-25	184	5442	15 X 20	381 X 508	plain	4	100	75.80
3033-41	24	710	6 X 9	150 X 230	write-on filter	4	250	89.12
3033-42	55	1627	7.5 X 12	190 X 300	write-on filter	4	250	127.05
3033-43	69	2041	7.5 X 15	190 X 381	write-on filter	4	250	161.90
3033-44	92	2721	10 X 14.5	254 X 368	write-on filter	4	250	206.30

800-328-8378

ACCESSORIES: FOR WEBER SAMPLING BAGS

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Rack N' Lab Sample Bag Racks see page 137.



- Whirl-Pak[®] Sterile Sampling Bags (Nasco) Sterile, single service bags are made of low density transparent polyethylene.
- Leak-proof and airtight.

WEBER SCIENTIFIC

- Puncture-proof tabs minimize bag puncture, scratching of hands, and damage to gloves.
- Capacity is measured when the bag is closed and tab is folded over 3 times. Volume and dimensions are approximate. •
- Bags should not be used at temperatures above 180°F (82°C). Bags can be frozen to any temperature. •
- Write-on strips have a paper-like and smear-resistant finish and can be written on with an ordinary ballpoint pen, pencil or marker. .
- FDA approved for food contact.
- Yellow tape closures.

Double round wire closure:

	Mfr	Capacity	Size			Thickness	Qty/	Your
Item No.	Item No.	Oz. / mĹ	Inches	mm	Description	mil	pack	Cost
3031-90	01009	2 58	3 X 5	75 X 125	plain	2.25	500	64.17
3032-00	01064	2 58	3 X 5	75 X 125	write-on strip (doubles as fill line)	2.25	500	64.41
3033-00	00679	4 118	3 X 7 1/4	75 X 185	plain	2.25	500	68.29
3033-01	01062	4 118	3 X 7 1/4	75 X 185	write-on strip (doubles as fill line)	2.25	500	66.29
3033-03	00992	7 207	3 3/4 X 7	95 X 180	plain	3	500	80.07
3033-06	01489	7 207	3 3/4 X 7	95 X 180	write-on strip	2.5	500	82.97
3033-78	01018	13 384	5 1/14 X 7 1/2	130 X 190	plain	3	500	93.58
3033-79	01490	13 384	5 1/14 X 7 1/2	130 X 190	write-on strip	2.5	500	108.92
3034-00	00736	18 532	4 1/2 X 9	115 X 230	plain	2.5	500	94.00
3034-01	01065	18 532	4 1/2 X 9	115 X 230	write-on strip	2.5	500	93.33
3034-65	01020	24 710	6 X 9	150 X 230	plain	3	500	114.96
3034-66	01297	24 710	6 X 9	150 X 230	write-on strip	3	500	122.49
3034-85	01063	24 710	6 X 9	150 X 230	plain (homogenizer)	4	500	149.43
3034-87	01196	24 710	6 X 9	150 X 230	write-on strip (homogenizer)	4	500	154.64
3034-67	00990	27 798	5 X 12	125 X 305	plain	3	500	140.43
3034-68	01491	27 798	5 X 12	125 X 305	write-on strip	3	500	135.62
3034-88	00994	36 1065	5 X 15	125 X 380	plain (homogenizer)	3	500	140.07
3034-86	01027	42 1242	6 X 15	150 X 380	plain	3	500	163.95
3034-91	01239	52 1538	7 X 13	185 X 330	write-on round bottom seal (homogenizer)	4	500	263.98
3034-74	01532	55 1627	7 1/2 X 12	190 X 300	plain (homogenizer)	4	500	187.43
3034-89	01195	55 1627	7 1/2 X 12	190 X 300	write-on strip (homogenizer)	4	500	215.82
3034-92	01323	69 2041	7 1/2 X 15	190 X 380	plain	3	500	187.70
3034-90	01515	69 2041	7 1/2 X 15	190 X 380	write-on strip	3	500	223.22
3034-96	01445	92 2732	10 X 15	254 X 380	write-on strip extra large	4	250	182.34
3034-98	01446	123 3637	10 X 20	254 X 508	write-on strip extra large	4	250	218.11
3034-99	01447	184 5441	15 X 20	380 X 508	write-on strip extra large	4	100	138.77

SAMPLING SUPPLIES

ACCESSORIES: FOR SAMPLING BAGS

Sponge Bags see pages 129 - 133.

Sampling Bags



Whirl-Pak[®] Sterile Sampling Bags (Nasco) Single Flat Wire Closure:

	Mfr	(Capacity		Size		Thickness	Qty/	Your
Item No.	Item No.	Oz.	mL	Inches	mm	Description	mil	pack	Cost
3031-80	01339	4	118	3 X 7 1/4	75 X 185	write-on strip (doubles as fill line)	2.25	500	76.10
3031-88	01341	18	532	4 1/2 X 9	115 X 230	write-on strip	2.5	500	100.70

Stand-Up Bags:

• Special gusset creates a flat bottom when the sample is placed in the bag, allowing the bag to stand completely on its own.

• Double round wire closure.

	Mfr	C	apacity		Size		Thickness	Qty/	Your
Item No.	Item No.	Oz.	mL	Inches	mm	Description	mil	pack	Cost
3033-70	01364	4	118	3 X 7 1/4	75 X 185	write-on strip (doubles as fill line)	2.5	500	89.70
3034-55	01365	18	532	4 1/2 X 9	115 X 230	write-on strip	3	500	135.31
3034-58	01401	24	710	6 X 9	150 X 230	write-on strip	3	500	167.39
3034-69	01449	36	1065	5 X 15	125 X 380	write-on strip	4	250	139.49
3034-83	01450	42	1242	6 X 15	150 X 380	write-on strip	2.5	250	157.63
3034-62	01451	69	2041	7 1/2 X 15	190 X 380	write-on strip extra large	4	250	179.94
3034-81	01542	138	4080	15 X 15	380 X 380	write-on strip extra large	4	100	233.79

Whirl-Pak Black Bags

When it is necessary to protect a sample from light, the Whirl-Pak black bag is specially designed for this application. The polyethylene film is made from pigmented resins so the black color is an integral part of the bag and not a printed layer. FDA approved for food contact. Film thickness is 2.5 mil (0.064mm).

Item No.	Mfr Item No.	Size	Qty	Your Price
3032-67	B01472WA	4 oz	Case/500	97.24
3032-68	B01418WA	18 oz	Case/500	160.81



Racks for Sampling Vials

Vinyl coated wire rack hold vials securely. Rugged and designed to withstand daily sanitizing and cleaning.

ltem No.	Vial Size	Capacity	Size	Unit of Measure	Qty Break	Your Price
3035-11	2 oz./60 mL	60	17.75" x 10.5" x 5"	Each	1-4	127.78
					5+	99.67
3035-05	2 oz./60 mL	24	9.25" x 6.375" x 2.5"	Each	1-4	53.09
					5+	44.06
3035-15	4 oz./120 mL	18	12.25" x 6.375" x 2.75"	Each	1-4	45.49
					5+	36.39









Consider Placing a Standing Order!

Many products have quantity discounts. You are often eligible to pay the lowest prices by placing a standing order.

Please contact us for all the details.

Dwuana Brown, *Customer Service Supervisor* 800-328-8378 dbrown@weberscientific.com

Hinged Lid Sampling Vial (Thermo Scientific – Capitol Vial)

Industry standard vials, available in a variety of sizes, are made of autoclavable and recyclable translucent polypropylene. The patented airtight and leakproof hinged cap allows one-hand operation — reducing the chance of contamination. Plus no chance of the caps being placed on the wrong vial. Each container can be marked only once...no need to mark both cap and vial. Manufactured in strict compliance with all bacterial requirements of the Pasteurized Milk Ordinance (PMO).

ltem No.	Capacity mL/oz	Description	Qty		Qty Break	Your Cost
3040-11	11/0.4	"Cornell" mastitis vial,	case/500		1-13	120.02
		short profile		FREE FREIGHT	14+	105.38
3040-15	13/0.4	"Vet" vial, longer profile	case/500		1-13	113.28
				FREE FREIGHT	14+	99.48
3040-16	13/0.4	"Vet" vial, longer profile	case/1500		1-13	306.78
				FREE FREIGHT	14+	269.79
3040-00	45/1.5	Standard size vial	case/600		1-13	122.10
		Commonly referenced as 2 oz		FREE FREIGHT	14-23	117.68
				FREE FREIGHT	multi. of 24	111.00
3040-03	90/3	High profile design	case/400		1-13	108.21
				FREE FREIGHT	14-23	103.88
				FREE FREIGHT	multi. of 24	100.63
3040-12	90/3	High profile design	case/400		1-13	109.00
		graduated		FREE FREIGHT	14-23	104.64
		-		FREE FREIGHT	multi. of 24	99.41
3040-04	120/4	Same high profile design	case/250		1-13	87.65
		as standard vial		FREE FREIGHT	14+	83.27
3040-08	240/8	Low profile design	case/150		1-13	92.30
		(cottage cheese, etc.)		FREE FREIGHT	14+	82.78

Snap-Shut Sampling Vial (Capitol)

Hinged lid vial closes with a patented locking device, securing the leakproof seal under all conditions! Graduated in both milliliters and ounces.

ltem No.	Capacity mL/oz	Description	Qty	Qty Break	Your Cost
3040-92	45/1.5	high profile design	case/600	1-13	395.12
			FREE FREIGHT	14+	335.83
3041-00	120/4	high profile design	case/250	1-13	81.16
			FREE FREIGHT	14+	71.20
3041-04	120/4	convenient cup-like	case/250	1-13	132.60
			FREE FREIGHT	14+	119.34
3041-08	240/8	convenient cup-like	case/140	1-13	84.50
			FREE FREIGHT	14+	76.04
3040-17	300/10	high profile design	case/100	1-13	96.95
			FREE FREIGHT	14+	85.01



Free Freight on Sampling vials!

Weber Scientific offers **FREE FREIGHT** on our best-selling styles of sampling vials when 14 or more cases are ordered at the same time!

Depending upon your location, your order will ship from our New Jersey, Missouri, Alabama or Nevada warehouse. Shipping from four locations offers even faster delivery!

Free Freight terms and conditions:

1) Valid in the contiguous US only.

2) At least 14 cases, or a pallet load of 24 cases, must ship at one time.

3) The 24 case price break is for a pallet quantity of the same item number. Only multiples of 24 qualify for this price.

Please note: The hinged-lid containers are exempt from the 1-2-3 Day Delivery Program as the drop in air pressure during air transit can cause the containers to open, affecting product sterility.

ACCESSORIES: FOR SAMPLING

LactiCheck Vials see website.

Sampling Vials

Hinged Lid Colored Sampling Vial (Thermo Scientific – Capitol Vial)

A variety of COLORS are available in both the standard 45 mL (1.5 oz.) and 90 mL 3 oz. sampling vials. Easily identify routes, types of samples, etc. Many other colors are available. Please contact Weber Scientific if the color you need is not listed.

ltem No.	Capacity mL/oz	Qty		Qty Break	Your Cost
3040-02	45/1.5	case/600	Red	1-13	130.18
			FREE FREIGHT	14-23	127.47
			FREE FREIGHT	multi. of 24	121.07
3040-022	45/1.5	case/600	Purple	1-13	130.18
			FREE FREIGHT	14-23	127.47
			FREE FREIGHT	multi. of 24	121.07
3040-023	45/1.5	case/600	Turquoise	1-13	130.18
			FREE FREIGHT	14-23	127.47
			FREE FREIGHT	multi. of 24	121.07
3040-025	45/1.5	case/600	Sky Blue	1-13	130.18
			FREE FREIGHT	14-23	127.47
			FREE FREIGHT	multi. of 24	121.06
3040-028	45/1.5	case/600	Lime Green	1-13	130.18
			FREE FREIGHT	14-23	127.47
			FREE FREIGHT	multi. of 24	121.07
3040-051	45/1.5	case/600	Yellow	1-13	130.18
			FREE FREIGHT	14-23	127.47
			FREE FREIGHT	multi. of 24	121.07
3040-029	45/1.5	case/600	Pink	1-13	130.18
			FREE FREIGHT	14-23	127.47
			FREE FREIGHT	multi. of 24	121.07
3040-054	45/1.5	case/600	Royal Blue	1-13	130.18
			FREE FREIGHT	14-23	127.47
			FREE FREIGHT	multi. of 24	121.07



ltem No.	Capacity mL/oz	Qty		Qty Break	Your Cost
3040-031	90/3	case/400	Red	1-13	115.06
			FREE FREIGHT	14-23	107.68
			FREE FREIGHT	24+	105.77
3040-035	90/3	case/400	Sky Blue	1-13	113.41
			FREE FREIGHT	14-23	107.68
			FREE FREIGHT	24+	105.77
3040-038	90/3	case/400	Lime Green	1-13	115.06
			FREE FREIGHT	14-23	107.68
			FREE FREIGHT	24+	105.77
3040-036	90/3	case/400	Yellow	1-13	113.41
			FREE FREIGHT	14-23	107.68
			FREE FREIGHT	24+	105.77
3040-041	90/3	case/400	Turquoise	1-13	113.41
			FREE FREIGHT	14-23	107.68
			FREE FREIGHT	24+	105.77
3040-053	90/3	case/400	Royal Blue	1-13	113.41
			FREE FREIGHT	14-23	107.68
			FREE FREIGHT	24+	105.77

Floating Raft for Vials

24 vial capacity. Durable.

Item No.	Vial Size	Size	Qty Break	Your Cost
3540-35	1.5 oz./45 mL	7 3/4" x 10 1/2"		2.34
3540-41	4 oz./120 mL	10 1/2" x 8"	1-99	2.53
			100+	2.30



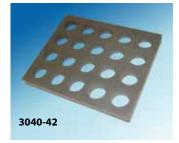
3040-35

Floating Raft for Sampling Vials

Closed cell foam doesn't get nasty!

Strong and waterproof raft is made of cross-linked polyethylene that doesn't absorb liquid. Charcoal color. 7/8" X 8 1/4" X 10" (22 X 210 X 254 mm).

		Qty	Your
ltem No.	Description	Break	Cost
3040-42	Fits 1.5 oz. (45 mL) vials; 20 cavities	1-49	5.08
	7/8″ X 8 1/4″ X 10″	50+	4.44
3040-43	Fits 3 oz. (90 mL) vials; 20 cavities	1-49	4.58
	7/8″ X 8 1/4″ X 10″	50+	4.00



800-328-8378



More Sample Bottles see pages 81, 216.



Sampling Supplies



Sampling Vials with Hinged Lid (Capitol Plastics)

Save Budget without Compromising on Quality

Capitol Plastics hinged lid transparent polypropylene vials feature a distinctive airtight, leakproof cap that allows users to operate with a single hand. This reduces potential contamination, the risk of replacing caps onto the incorrect vial, and eliminating the need to label both the cap and the vial. Hinged vials are ideal for collecting solids or liquids, and can be used in dairy testing, water analysis, environmental sampling, and other general storage applications.

		Specificat	tions for Sa	mpling \	Vials v	vith Hinged I	_id	
	Volume	Interior Diameter	Exterior Diameter	Exterior Diamete (lid/hing	er	Interior Height	Exterior Height	Vial Weight
3540-00	1.5oz	29.1 mm	30.2 mm	45.7 mm	า	82.4 mm	84.4 mm	10 g
3540-03	3oz	34.1 mm	35.9 mm	50.2 mm	า	92.1 mm	93.9 mm	14 g
3540-04	4oz	44.7 mm	46.19 mm	61.0 mm	า	88.0 mm	90.3 mm	17 g
ltem No.	Product [Description	Сара	acity	Qty		Qty Break	You Co
3540-00	Standard Vial, Comr Reference	monly	1.5 c	Σ		of 600 REE FREIGHT REE FREIGHT	1-13 14-23 multi. of 24	107.2 103.9 97.8
3540-03	High Profi	le Design	3 oz			of 400 REE FREIGHT	1-13 14-23 multi. of 24	93.9 89.7 86.4
3540-04	Same Hig	h Profile Standard Via	4 oz		Case		1-13 14+	78.5

FREE FREIGHT available on Capitol Plastics vials when you order 14+ cases. See page 142 for more details.



Whirl-Pak[®] Thio Water Sampling Bags (Nasco)

EPA approved heavy transparent bag is sterile and contains a sodium thiosulfate tablet to neutralize chlorine. White write-on strip is used for sample identification and as a fill line marked in both ounces and mL. Capacity is measured when the bag is closed and tab is folded over 3 times. Volume and dimensions are approximate. Bags should not be used at temperatures above 180°F (82°C). Stand-up bags have a special gusset which creates a flat bottom when the sample is placed in the bag, allowing the bag to stand completely on its own.

Item No	Mfr Item No.	Description	Total Capacity ounces/mL	Fill Capacity mL	Size inches	Qty	Qty Break	Your Cost
3031-00	01040	With tablet	4/118	100	3 x 7 1/4	100 per case; 25 per	1-9	55.95
						dispenser pack	10+	45.71
3031-05	01254	With tablet	10/296	300	4 1/2 x 9	case/100		156.39
3031-02	01402	stand-up with	4/118	100	3 x 7 1/4	100 per case; 25 per	1-9	39.21
		tablet				dispenser pack	10+	36.34
3031-07	01403	stand-up with tablet	10/296	300	41/2 x9	case/100		73.73



120 mL Sterile Tite-Rite Specimen Cup 🕎

These polypropylene containers are the ultimate in leak-tight storage and transport of liquids. An expanded inner liner in the screwcap is designed to compress against the uppermost walls and top rim of the container thereby providing an air-tight seal.

- Molded graduation marks
- Leak-Resistant
- Attached White Screw Cap
- ID Label with Tab Seal

Item No.	Size	Qty	Your Cost
3041-25	120mL (4oz)	case/300	142.48

144 SAMPLING SUPPLIES

ACCESSORIES: FOR VIALS AND CUPS

Additional Containers see pages 81, 216.



Sampling Supplies

SPECIMEN CUPS

Coliform Water Sampling and Analysis Vial (Capitol)

Sterility Assurance Level (SAL) of 10-6

Manufactured of increased clarity polypropylene. Compatible with Colilert® and Colisure® coliform test: allows for sample collection, incubation and accurate read-

ing in the same vessel — both colorimetric and UV. Meets all EPA requirements for a microbiological sample container. Arrow locking seal ensures pre-use sterility, and an exclusive snap-shut closure guarantees a leakproof seal during transit. Available with or without a sodium thiosulfate tablet. 120 mL total capacity with an 100 mL raised sample fill ring.

ltem No.	Description	Qty	Qty Break	Your Cost
3031-50	w/sodium thiosulfate tablet	case/200	1-13	110.11
			14+	87.97
3031-55	w/o sodium thiosulfate tablet	case/200	1-13	91.63
			14+	80.17

Sterile Screw Cap Specimen Cup (Covidien)

Individually bagged with sterility paper tab. The paper tab cup ensures inside sterility until the tab is broken when the cap is unscrewed. It is ecologically designed to reduce packaging waste and is a good value. 4 ½ ounce (120 mL) capacity with molded-in graduations in ounces and milliliters. Leak proof positive closing screw cap. Frosted write-on area on the polyethylene cap. 🕎



Item No.	Description	Qty	Qty Break	Your Cost
3041-60	individually bagged,	case/100	1-9	29.75
	with paper tab		10+	26.76
3041-80	Bulk pack,	case/100	1-9	31.61
	paper sterility tab		10+	29.84

PET Sampling and Storage Jar 🚿



Large crystal-clear jars for sterile or non-sterile sampling

Rugged PET jar offers optically clear view of contents. Attached polyethylene cap for secure and leak-proof closure. Large 16 oz. (454 gram) capacity. Validated sterility by gamma irradiation. 🔊

Item No.	Description	Qty	Qty Break	Your Cost
3041-90	non-sterile	24	1-4	35.17
\odot			5+	28.78
3041-92	sterile	24	1-4	72.83
٣			5+	60.69

LARGE CUPS

High Density Polyethylene Wide Mouth Round Bottles (Qorpak)

Available both uncleaned and cleaned to Level 2 which meets specifications of EPA Protocol "B".

Natural HDPE Wide Mouth Round Bottles provide an excellent moisture barrier and are impact resistant. Attached PP SturdeeSeal® PE Foam Lined Caps are known for good impact strength, cost effectiveness, and pliability. These polypropylene closures with foamed polyethylene liners have excellent sealing characteristics and offer good chemical resistance including acids, alcohols, alkalis, aqueous products, cosmetics, household oils and solvents.



					Tour
Item No.	Description	Size, oz.	Neck, mm	Qty	Cost
3076-50	EPA Cleaned	4	38-400	case/48	146.40
3076-62	Uncleaned	4	38-400	case/48	62.03
3076-53	EPA Cleaned	8.5	53-400	case/48	174.77
3076-56	EPA Cleaned	17	53-400	case/24	115.16
3076-68	Uncleaned	17	53-400	case/24	49.53
3076-59	EPA Cleaned	32	53-400	case/12	79.50
3076-71	Uncleaned	32	53-400	case/12	39.61

Larger Sterile Snap Cap Specimen Cup (BD 354015)

8 oz. (237 mL) capacity polypropylene container and snap cap. Molded-in graduations in ounces and milliliters: 1/4 oz. to 8 oz. in 1/4 oz. increments; 20 mL to 220 mL in 10-mL increments. Case of 100 🕅



3041-30	275.17





Large Sterile **Screw Cap Specimen Cup** (Cardinal Health 14999)

12 oz (355 mL) capacity plastic container with molded-in graduations. Each container has a metal screw-on leakproof cap. Case of 50.

Item No.	Qty	Your Cost
3041-21	case/50	231.97

800-328-8378



SWABS AND APPLICATORS



BER SCIENTIFIC

Tongue Depressors and Splints

Extremely economical! Popular for a wide variety of laboratory sampling and application procedures. Made from northern hardwood and feature very smooth, splinter free surfaces.

Key Features

- Wooden tongue depressors are made of northern hardwood
- Tongue depressors feature smooth surfaces
- Wooden splints are also of hardwood
- Non-Sterile, Bulk Packed

ltem No.	Size	Qty	Qty Break	Your Cost
Tongue Depre	essors			
3060-30	4 1/2" x 3/8"	Case of 1000	1-9	17.49
			Multiples of 10	13.99
3060-35	6" x 11/16"	Pack of 500	1-9	15.49
			Multiples of 10	12.39
HWP706	6" x 3/4"	Case of 1200		46.57
Wood Splints				
PRLWD425D	4-1/2" x 1/4"	Pack of 500		9.43



==== 24-202-S

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Tongue Depressors (McKessen)

Tongue Depressors

6 in | 1 | 100 | =

Individually Wrapped Tongue Depressors Offer Sterile Sampling For A Fraction Of The Cost

ADOLT | STEMILE

Individually Wrapped Tongue Depressors Offer Sterile Sampling. Extremely economical! Popular for a wide variety of laboratory sampling and application procedures. Odorless and tasteless white birch.

Item No.	Description	Size	Qty	Qty Break	Your Cost
3060-42	sterile ind. wrapped	6" X 11/16"	case/1000	1-9	104.16
				Multiples of 10	83.33

Applicators, Cotton Tip (Puritan)

ltem No.	Description	Size	Qty	Qty Break	Your Cost
3060-05	sterile, individually	6 in.	plastic case/1000	1-9	120.36
				Multiples of 10	96.29
3060-07	sterile, 2 swabs	6 in.	plastic case/2000	1-9	127.78
				Multiples of 10	102.21
3060-10	sterile, individually	6 in.	wood case/1000	1-9	111.19
				Multiples of 10	88.96
3060-12	sterile, 2 swabs	6 in.	wood case/2000	1-9	122.77
				Multiples of 10	98.21
3060-15	non-sterile,	6 in.	wood case/1000	1-9	17.37
				Multiples of 10	13.90
3060-16	non-sterile large-tip	6 in.	wood case/500	1-9	10.91
				Multiples of 10	8.71

3060-16

3060-42

📉 WEBER EXCLUSIVE 🛛 🕅 FIRST CASE UPGRADE 🔶 HAZARDOUS MATERIALS 🏾 🖄 SHIPS ON ICE

Pay the lowest quantity discount pricing by placing a standing order. See ordering information for details.

Choose From Our Extensive Selection of Swab Systems

O maintenanten OCO F3 [3]

Sterile Dry Applicator Collection Device (Puritan)

Polyester tip has excellent collection and release properties

- Sterile
- 6" polyester tip swab is securely attached to the cap
- Reclosable transport tube
- CE marked for medical use, ISO 9001:2008, ISO 13485:2003
- Case of 100

ltem No.	Mfr Item No.	Qty Break	Your Cost
3059-46	25-806	1-4	59.74
	1PD BT	Multi. of 5	55.75



CultureSwab Collection and Transport System (BD)

All-in-one swabs for the collection and transport of aerobes or anaerobes

Designed to collect, preserve and transport specimens. Each system includes a 5 1/4" swab application used to collect the sample and a tube into which the applicator is placed after collection.

Swabs are provided in a nitrogen-flushed sterile pouch with tamper-evident seals.

Item No.	Product	Unit of	Your
	Description	Measure	Cost
BBL220115	CultureSwab™ without media	Pack of 100	50.57



Culturette EZ[™] Dry Collection and Transport System (BD Diagnostics)

Dry single swab system limits organism overgrowth and eliminates the non-viables present in media-based system, plus there is no specimen dilution. Features unique polyurethane opencelled structure swab. Case of 100

Item No.	Your Cost
3059-38	128.72

ESK® Sterile Swab System (Puritan)

Available in 4 or 10 mL fill

For all environmental surface sampling.

- Easy edge-peel packaging
- Quick-turn leak-resistant cap
- High-quality Puritan polyester tipped swab – 0.7" x 0.2" (5 mm x 17 mm)
- Swab is securely attached to cap
- 3.25" (83 mm) swab length 4" (103 mm) overall length
- Polystyrene handle
- Individually wrapped

Item No.	Mfr Item No.	Description	Volume	Qty	Qty Break	Your Cost
3059-01	25-83004-PD NB	Neutralizing Buffer	4 ml	pack/50	1-5	84.10
5055 01	25 05004 1 0 100	Neutralizing built	7111	pucivoo	Multi. of 6	71.07
3059-02	25-83010-PD NB	Neutralizing Buffer	10 ml	pack/50	1-5	85.54
		-			Multi. of 6	72.27
3059-03	25-83004-PD BS	Butterfield's Solution	4 ml	pack/50	1-5	85.55
					Multi. of 6	72.28
3059-04	25-83010-PD BS	Butterfield's Solution	10 ml	pack/50	1-5	89.31
					Multi. of 6	75.46
3059-05	25-83004-PD LB	Letheen Broth	4 ml	pack/50	1-5	80.12
					Multi. of 6	67.72
3059-06	25-83010-PD LB	Letheen Broth	10 ml	pack/50	1-5	94.35
					Multi. of 6	79.73
3059-07	25-83004-PD BPW	Buffered Peptone	4 ml	pack/50	1-5	83.94
		Water			Multi. of 6	70.93
3059-08	25-83010-PD BPW	Buffered Peptone	10 ml	pack/50	1-5	84.76
		Water			Multi. of 6	71.63

3059-02

3059-06

EnviroMax Plus® Foam Tip Swab Kits (Puritan)

Strong, flexible handle shaft are available witha pointed tip of absorbent foam. The tips have an inner paddle structure that facilitates getting into the tightest of crevices.

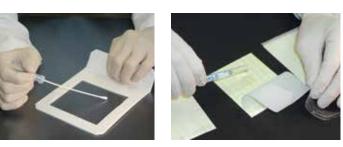
- For sampling surfaces or large equipment parts
- Perfect for spot checks
- Quick-turn-open leak-resistant cap
 Swab securely attached to cap
- Swab securely attached to cap
- Rigid foam paddle tip
- Large tip for maximized collection and elution
- 5.8" (147 mm) swab length 6" (153 mm) overall length
- Polypropylene handle

Item No.	Mfr Item No.	Description	Packaging	Qty Break	Your Cost
3059-12	25-88050 PFB UW	EnviroMax Plus® pre-moistened pointed foam tip	pack/25	1-9 multi.of 10	77.52 67.82

WEBER SCIENTIFIC

Sampling Supplies





Q-Swab[™] Sample Collection Devices (Hygiena)

A sterile swab at the end of a 4 1/4" shaft comes attached to a cap containing a reservoir of 1 mL of transport media, and is enclosed in a clear plastic sheath. Using patented snap-valve technology, you simply swab the surface to be tested, place the swab back into the holder, snap the integrated valve, squeeze the bulb to wash the liquid media over the swab, and return the swab to the sheath for transport to the laboratory. You can then pour the 1 mL aliquot into a dish or tube for culturing. Available in a pack of 250.

Item No.	Medium	List Price
3663-03	Buffered Peptone water	304.85
3663-15	Letheen universal neutralizing medium	303.87



Transport Swab Systems (Copan)

Preserves Bacteria Viability of Most Organisms for at Least 48 Hours

These swab transport systems are easy to use – and with no glass ampules to break. Recommended for transporting microbial specimens to the laboratory for culturing. Simply peel open, remove the swab, collect the sample and insert the swab into the tube of medium.

<u>Stuart's liquid medium</u>: The tip of the swab is placed in direct contact with a soft polyurethane foam sponge. The sponge is soaked with 1.0 mL of liquid medium and acts like a moisture reservoir. As the swab is inserted into the tube the sponge yields and the medium is soaked up into the swab tip by capillary action.

<u>Amies agar without charcoal:</u> The tube features a unique Venturi hourglass design. A 5 mL deep gel column offers maximum protection and improves sample viability.

Either medium supports a wide range of bacteria. The tamper evident seal changes color when opened to ensure single use and minimize the risk of accidental contamination. The rayon tip is non-toxic to specimens and is clearly marked with a batch number, expiration date and product description. Extra-long 5 1/4" swab shaft.

The moisture guarded packaging is totally waterproof - eliminates risk of accidental contamination of sterile pack contents by penetration of water condensation or contact between outside of the swab pack and moist or wet surfaces. During product assembly atmospheric air is vacuumed out and nitrogen gas is injected into the swab packages. Pack of 50 swabs.

Item		Qty	Your
No.	Description	Break	Cost
3059-62	Amies Medium	1-9	53.36
	w/o Charcoal	Multiples of 10	34.30
3059-66	Stuart's Liquid	1-9	56.04
	Medium	Multiples of 10	36.03



Broad Spectrum Microtabs II[™] (Advanced Instruments)

A superior tablet used for the preservation of milk samples to be analyzed on infrared instruments. Each tablet, which contains 8 mg Bronopol and 0.30 mg Natamycin, preserves a 20-40 mL milk sample. Active against bacteria, yeast and mold. Three year shelf life.

Item No.	Qty	Qty Break	Your Cost
3038-50	800 tablets	1-24	56.32
		25-49	50.67
		50+	45.06

ACCESSORIES: FOR TRANSPORT SWABS



Environmental Buffers see page 131. Hygiene Monitoring Swabs see pages 3, 156 - 161. Sterile Sampling Templates see page 134.

Sampling Swabs

SWAB SYSTEMS

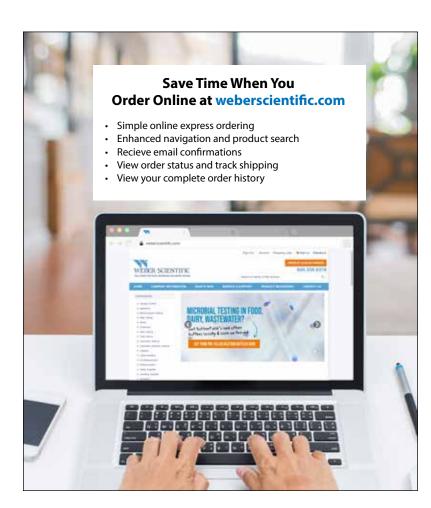
Sterile Swab System (Copan)

This SRK (Swab Rinse Kit) is a complete collection kit and is comprised of a labeled screw cap tube with a swab stick attached to the cap and the tube filled with 10 mL of rinse solution. Swab is nontoxic polyester attached to a 4" breakable plastic shaft. Gamma irradiated for sterility. A certificate of analysis is supplied with each lot.

- Hygienic Assessment Enables routine hygiene monitoring of food contact surfaces and assessment of hygienic status of food processing environments.
- Sanitization Validation Convenient system for verification and validation of effective sanitization and disinfection procedures.
- Individually wrapped. •

ltem No.	Description	Swab Length	Qty	Qty Break	Your Cost
3664-30	SRK Buffered Neutralizing Solution	3 1/2" / 95 mm	pack/50	1-9 multi. of 10	82.72 69.33

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Sanicult[™] Sterile Neutralizing Buffer Swab System (Starplex Scientific)

A useful portable swab system for the microbiological sampling of equipment and containers. Individually wrapped screw-cap plastic tubes come pre-filled with 10 mL of a neutralizing buffer solution. Swab is nontoxic polyester attached to a 3 1/2" plastic stem, which is secured to the tube cap. Buffered peptone water contains two neutralizers to inhibit false-negative results of several sanitizing chemical residues: lecithin and polysorbate 80 (Tween® 80).

Item No.	Qty	Qty Break	Your Cost
3059-70	case of 100	1-3	226.79
		4+	215.45

Sterile Neutralizing Buffer Swab System (Copan)

A useful portable swab system for the microbiological sampling of equipment and containers. Individually wrapped screw-cap plastic tubes come pre-filled with 10 mL of a sterile neutralizing buffer solution and a sterile 6" non-toxic rayon swab.



Buffered rinse solution contains neutralizers to inhibit false-negative results of most sanitizing chemical residues, as follows:

Activity
QACs, biguanides, phenolics, iodine
QACs, biguanides
bleach
mecuric compounds
aldehyde disinfectant

ltem No.	Diluent mL	Qty	Qty Break	Your Cost
3059-81	10	cs/250	1-3	303.02
			4+	229.44

800-328-8378

ACCESSORIES: FOR TRANSPORT SWABS



Sanitizer Residue Test Strips see pages 162 - 163. Utility Carriers see page 81.

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Sampling Supplies

IGLOO ULTRA[™] 30 Qt Cooler

Keeps samples cold for longer than most other coolers

- 9
- Swing-up handle has 3 grab/carry points for easy one-handed carrying

Ergonomically engineered - curved back hugs

comfortably to your body for ultimate carrying

- Molded side handles for optional two-handed carrying and easy lifting in/out of vehicle
- Slotted lid for easy stacking
- Comfort grip handle adds carrying comfort
- Exterior Dimensions (in L x W x H) 18.415 x 13.251 x 16.811
- Weight 7.2 lbs.

comfort

SAMPLE COOLERS

REUSABLE SCOOPS

Item No.	Your Cost
4380-50	61.25

Insulated Foam Shipping Kit

Effective and affordable cold sample shipping

Safely ship everything from food to medical supplies.

- Thick polystyrene foam container provides maximum protection.
- 200 lb. test outer shipping carton included.
- Lightweight, sturdy and reusable.

ltem No.	Inside Dimensions L x W x H	Wall Thickness	Outside Dimensions L x W x H	Qty	Qty Break	Your Cost
4380-40	8 x 6 x 4 1/4″	1 1/2″	11 x 9 x 7 1/4″	Pack/6	1	78.20
					2+	69.60

Nasco Sample Ice Chest with Cover

Designed specifically for positive temperature control and proper protection of milk samples.

Features:

- Outside and inside walls made of extremely durable, ABS plastic
- Polyurethane foam insulation in walls and cover
- Recessed carrying grips
- Nonabsorbent, easy to clean
- Auxiliary ice storage compartment. Designed so milk hauler may use ice to surround samples at all times.
- After each stop, a small amount of ice can be packed directly around the sample
- Dimensions with cover: 16" L x 14-3/4" W x 9-1/2" H (40.6 x 37.5 x 24.1 cm)
- Inside dimensions: 12-1/4" L x 13-7/8" W x 7" H (31.12 x 35.3 x 17.8 cm)

Item No.	Mfr Item No.	Description	Your Price
4380-51	C06115WA	Ice Chest with Cover	485.70
4380-52	C06115(A)WA	Cover only	49.61





Stainless Steel Lab Scoops (Polar Ware)

Heavy duty scoop has strong handle for easy handling and cleaning.

ltem No.	Bowl Capacity oz./mL	Bowl Size in./mm	Overall Length in./mm	Qty Break	Your Cost
3042-90	4/118	5 1/2 x 3 / 140 x 76	9.5/241	1-4	12.38
				5+	9.44
3042-92	40 / 1183	5 x 7 1/2 / 127 x 191	12 / 305	1-2	144.63
				3+	134.98





Item No.	Bowl, inch	Handle, inch	Capacity, cc	Qty	Cost
3062-20	3 1/2 X 1 1/2 X 1 1/4	1 7/8	75	pack/12	31.03
3062-22	5 X 2 X 2	2 1/2	200	pack/12	32.25
3062-24	8 X 4 3/4 X 3	4	1100	pack/6	36.39



Rectangular shape molded of rigid polypropylene. Excellent for scooping ice cubes. Holds approximately 2 liters (1/2 gal) with rounded corners for easy cleaning and a looped handle for hanging. Bowl measures 140 x 229 x 89mm (5 1/2 " x 9" x 3 1/2") with a 114mm (4 1/2") handle.

Item		Your
No.	Qty	Cost
3062-30	pack/6	105.23



FIRST CASE UPGRADE HAZARDOUS MATERIALS WEBER EXCLUSIVE **SHIPS ON ICE**



V



Long handle keeps hand away from sample and the 2 oz and 4 oz are designed to stay vertical when filled or empty allowing for use as weighing boats. Made from FDA grade, high-impact polystyrene for direct contact with food. Indispensible for powder. Individually packaged and gamma sterilized. Case of 100. 🕥

ltem No.	Capacity	Bowl Size, inches	Length, inches	Qty Break	Your Cost
3042-12	2oz (60 mL)	1 X 3 X 1 1/2	7	1-4	128.75
				5+	112.00
3042-14	4oz (125 mL)	1 X 3 X 1 3/4	7 1/2	1-4	176.43
				5+	167.61
3042-16	8oz (250 mL)	2 X 5 X 2	7 1/2	1-4	257.83
				5+	235.63

Sterileware® Red Scoops (Bel-Art Scienceware 36902/06)

Bright red color helps these scoops stand out and reduces the chance of them being accidentally left behind in a sample. Color can also serve as a code to avoid cross contamination and provides a contrasting background to better visualize light colored material. The smaller 2 oz and 4 oz sampling scoops have a long handle to better separate the hand and sample and are designed to remain upright when filled or empty allowing them to be used as weighing boats or to be placed on a flat surface. Scoops are molded of durable polystyrene. Packed ready for one time use and disposal. 100 individually sterile wrapped per box.

ltem No.	Capacity	Bowl Size	Total Length	Qty	Qty Break	Your Cost
3042-17	60mL (2oz)	25 x 76 x 38mm	203cm (8")	case/100	1-4	186.95
		(1 x 3 x 1 1/2")			5+	172.04
3042-18	125mL (4oz)	25 x 89 x 44mm	216cm (8 1/2")	case/100	1-4	212.79
		(1 x 3 1/2 x 1 3/4")			5+	194.44
3042-19	250mL (8oz)	51 x 127 x 51mm	221cm (8 11/16")	case/100	1-4	292.26
		(2 x 5 x 2")			5+	267.06





Sterile Sense-able[™] Detectable Scoops (Bel-Art Scienceware)

Helps Avoid Quality Issues

A proprietary formula is uniformly distributed throughout the polystyrene scoop enabling any part of it, as small as 1.6 mm, to be sensed by metal detectors and x-ray equipment. The blue color contrasts with the color of most samples and reduces the chance that scoops will be accidentally left behind in the product. Long handles on the 2 oz and 4 oz scoops provide a better grip and increase the distance between the hand and the sample to reduce potential contamination. The 60 mL and 125 mL scoops have a flat bottom design for use as weigh boats. They remain upright when filled or empty and can rest on a flat surface without spilling contents. Made of FDA grade high-impact polystyrene, the scoops are individually gamma sterilized and sealed in a polyethylene bag, ready for one time use and disposal. Box of 100.

Item No.	Capacity	Bowl Dimensions (L x W x H)	Qty Break	Your Cost
3042-35	60 mL (2 oz)	7.6 x 3.8 x 2.5 cm (3 x 1.5 x 1″)	1-3	208.64
			4+	197.46
3042-36	125 mL (4 oz)	9.1 x 4.6 x 3.1 cm (3.5 x 1.75 x 1.25″)	1-3	311.74
			4+	295.01



Scoop An' Bag Sterile Sample Collection System (Bel-Art Scienceware)

A complete sampling package for taking a more reliable sterile sample. Sealed in a sterile outer bag is a 20z white scoop and a twirl-type sterile bag for sample transport. Ideal for food, pharmaceutical and environmental sampling. Case of 50.

Item No.	Qty Break	Your Cost
3042-50	1-4	107.40
	5+	98.18

Whirl-Pak, Scoop Bag (Nasco B01350)

18 oz. (532 mL) write-on bag contains a sterile, disposable polypropylene scoop that holds 2 ounces (60 mL). Transfer the sample right back into the sterile bag for transport. Scoop is 7" (185 mm) long. Pack of 50.



Item	Your
No.	Cost
3042-52	136.65

STERILE SCOOPS

ACCESSORIES: FOR STERILE SCOOPS



Sample bags see pages 136-141.



Sampling Supplies

STERILE SPOONS

Sampling Spoons 🚿

Why pay more? Heavyweight spoons available in white or black to help stand out in a wide variety of samples.

Standard length spoons come in heavyweight polystyrene with full size bowls and are available in either white or black. Polystyrene provides greater rigidity and strength. These spoons should be adequate for most but the hardest samples.

The dark black spoons really stand out in a wide variety of samples, reducing the chance of forgetting or losing them in a sample.



	ltem No.	Description	Color	Capacity, overflow	Stem Length	Qty	Qty Break	Your Cost
	4387-00	heavyweight teaspoon	white	7 mL	5 13/16″ / 148 mm	case/1000	1-9	150.14
\checkmark							10+	120.73
	4387-10	heavyweight teaspoon	black	7 mL	5 13/16" / 148 mm	case/1000	1-9	150.14
\checkmark							10+	120.73



Sterile Sampling Spoons (Nasco)

Super economical, durable plastic sterile spoons are suitable for many sampling procedures. Packed 20 per sterile bag; pack of 100 (5 bags).

ltem No.	Description	Qty Break	Your Cost
3042-40	spoons	1-9	20.17
		10+	18.63



Sterile Sampler Spoons (Bel-Art Scienceware)

Extremely popular for gathering small amounts of sample material. Long handled polystyrene spoons are individually wrapped in sealed bag. Case of 200.

ltem No.	Capacity	Qty Break	Your Cost
3042-20	0.25 teaspoon — 1.23 mL	1-4	235.00
		5+	214.84
3042-22	0.50 teaspoon — 2.46 mL	1-4	291.81
		5+	266.60
3042-24	1.00 teaspoon — 4.93 mL	1-4	262.11
		5+	239.50
3042-26	1.00 tablespoon — 14.79 mL	1-4	252.15
		5+	230.40

Individually packaged and gamma sterilized, these one-piece spoons are ready for sampling bulk materials, semi-solids or viscous liquids. Made from FDA grade, high-impact polystyrene for direct contact with



foods, drugs, or cosmetics. Spoons hold 25cc (0.8oz) with a 254mm (10") long handle to reach into containers and keep hand away from sample. 25 per box

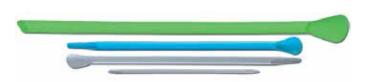
3042-28	X-tra Large and Strong	1-4	72.63
	Rounded Tip – 25 mL case/25	5+	66.40

ACCESSORIES: FOR SAMPLERS



Utility Carriers see page 81.

86.62



Disposable smartSpatula® (LevGo)

All-in-one spatula, spoon, scoop, stirring rod and policeman. Autoclavable polypropylene. Complies with FDA regulations for food-contact applications.

ltem No.	Color	Description	Length mm/inch	Qty	Your Cost
3160-80	blue	standard	210/8.3	pk/300	31.03
3160-82	opaque	standard	210/8.3	pk/300	31.03
3160-85	green	macro	310/12.2	pk/150	35.95



Sterile Disposable smartSpatulas (LevGo)

These sterile spatulas are made from food grade polypropylene, smartSpatulas are the ideal solution for all sorts laboratory applications.

- They comply with FDA regulations for food-contact.
- They are Ideal for sterile preps in compliance with USP 797.

• The hollow core minimizes heat transfer

ltem No.	Color	Length mm/inch	Qty	Qty Break	Your Cost
3160-90	opaque	210/8.3	pk/100	1-4	110.01
				5+	97.07



Micro Spatula, Mirror Finish

Nickel stainless steel with mirror finish. Flat and spoon ends. 9'' (229 mm) overall length. Spoon end is 1 1/8'' (29 mm) long x 9/16'' (14 mm) wide. Flat end is 1 7/8'' long (48 mm).

Item No.	Your Cost
3160-30	11.62



Find security seals at weberscientific.com

Sterile Sampler Spatula (Bel-Art Scienceware)

One-piece spatula is made from FDA grade, high-impact polystyrene for direct contact with food. Shape allows easy transfer of sample to container. Use to sample directly



5+

from production line or containers including bags and drums. Individually packaged and gamma sterilized.

ltem No.	Capacity	V-channel Len	gth Hand	le Length	Overall Length
3042-30	15cc	6″/152mm	3″/76	5mm	9″/228mm
3042-31	23cc	10″ / 254mm	4"/10)2mm	14" / 356mm
Item No.			Qty	Qty Brea	k Your Cost
3042-30			Pack/100	1-4	169.40
				5+	154.79
3042-31			Pack/50	1-4	94.80



Ellipso-Spoon® Samplers (Bel-Art Scienceware)

This utensil's special curved shape permits contact with all corners of bottles and containers; therefore, no loss of materials occurs. Crystals, powders, granulated and solid substances, and even thick liquids are easily retrieved. Features spoon end and spatula end. Polished stainless steel. Spoon size is 28 X 65 mm.

ltem No.	Length, handle	Your Cost
3060-55	30 cm/11.8″	61.52



Economy Lab Scoop

Stainless steel. 6" (150 mm) long.

Item		Your
No.	Length	Cost
3160-45	6" / 150 mm	3.35



Stainless steel, polished, one side is a spoon and the other side is flat.

ltem No.	Length	Your Cost
3160-70	6″ / 150 mm	1.95
3160-73	8″ / 200 mm	3.09

SAMPLING SUPPLIES



Sampling Supplies

HARD TO FIND ITEM!

037-06

3037-12

ALL-IN-ONE DIPPER SYSTEMS

Dippas[®] Sterile Sampling System (Sterilin)

A Dipper and Sterile Sampling Container – All-In-One!

Enable sterile sampling and transportation of liquid without the risk of contamination. Offered in crystalclear polystyrene. The long Dippas handle neatly snaps off after sampling to leave a secure, leak-proof sample container. All Dippas are individually wrapped and guaranteed sterile by gamma irradiation.

	3037-03	3037-06	3037-09
Handle length, inch/mm	7.9/200	15.6/385	13/330
Volume, mL	30	100	250
Materials container	clear PS	clear PS	clear PS
Materials cap	PP	metal	metal
Container height, inch/mm	3.7/93	3/76	4.7/121
Diameter, inch/mm	1.2/30	2/50	2.6/65
Available per case	50	100	50

Item No.	Qty	Qty Break	Your Cost	Qty Break	Your Cost
3037-03	case/50	1-14	137.89	15+	120.63
3037-06	case/100	1-14	359.04	15+	308.46
3037-09	case/50	1-12	236.13	13+	204.23

HARD TO Dippers with Removable FIND ITEM! Handle (Gosselin)

These sterilized polypropylene dipping containers are fashioned in blue for easy visibility. Remove the dipper from its tamper-evident and traceable sterile bag, hold the dipper by the handle and dip it into the liquid you wish to sample. Screw on the fully-detached blue cap or snap down the hinged lid, push down on the handle to remove it, and return the container to the bag. Zip the bag closed and your sample is ready for transportation.

	3037-12	3037-18	3037-21
Handle length, inch/mm	8.7/220	8.7/220	8.7/220
Volume, mL	40	90	125
Materials container	blue PP	blue PP	blue PP
Materials cap	blue PE	blue PP, hinged lid	blue PE
Overall height, inch/mm	2.8/70	3.2/80	2.8/70
Diameter, inch/mm	1.2/30	1.8/45	2/50

Item No.	Qty	Qty Break	Your Cost	Qty Break	Your Cost
3037-12	case/250	1-14	363.78	15+	316.53
3037-18	case/150	1-14	265.11	15+	230.67
3037-21	case/100	1-14	206.36	15+	179.56

Your

Cost

36.35



Sludge Judge[®] (Nasco)

Accurately read settleable solids in any liquid, to any depth.

Lower the Sludge Judge to the bottom of a tank you would like to sample. When the bottom has been reached and the pipe has filled to the surface level, tug slightly on the rope as you begin to raise the unit. This sets the check valve, trapping the column of solids and liquid in the Sludge Judge.

When the unit has been raised clear of the liquid, the amount of solids in the sample can be read using the one foot increments marked on the pipe sections. To release the material in the unit, touch the pin extending from the bottom section against a hard surface. This opens the check valve to drain the liquids and solids.

15 foot sampler comes in five foot sections of 3/4" plastic pipe with screw type fittings. The top section includes a nylon line for raising the sampler.

Item No.	Your Cost
3065-12	155.34

Accessories:

•

•

Item No.	Description	Your Cost
3065-14	Bottom section w/ valve	81.87
3065-15	Extension sections, each	52.22
3065-16	Top section w/rope	51.33
3065-90	6' Spiral brush	46.00

Dipper with Graduations (Dynalon Labware)

Item No.

3056-19





FIND IT AT WEBERSCIENTIFIC.COM

High density polyethylene

1 1/2 foot handle 500 mL graduated cup

2 pour spouts

PVC handle grip

Modular Liquid Sampling Series from Dynalon



Long-Handled Dippers

High density polyethylene. 500 mL bowl capacity with easy-pour spout. One-piece construction except the 12 foot handle which is a two-piece screwtogether design.

	Handle	Your
Item No.	length	Cost
3065-22	3 foot	45.62
3065-24	6 foot	92.37
3065-26	12 foot	174.34



"Bacti-Kit"Single-Service Sampling Tubes (Dairy Technology)

Sterile, disposable sampling straws are economical and easy to use. Ideal for sanitarians and field men as these are convenient and sanitary to carry between stops. No possibility of bacteriostatic effect of incompletely rinsed washing compounds.

Cardboard tube dispensers feature a white cap on one end and a black cap on the other to help prevent loss of caps in testing samples. Single service provides confidence in the reliability of bacteria counts by those being sampled. Extra length insures representative samples from tanks. Pack of 250 straws; 10 tubes X 25 straws per tube. Individually wrapped.

ltem No.	Length inches	O.D. inches	Qty Break	Your Cost	Qty Break	Your Cost
3030-00	24	1/4	1-5	83.64	multiples of 6	75.01
3030-18	18	1/4	1-5	80.77	multiples of 6	72.54



Milk Sampling Dipper

Stainless steel with convenient hanging hook.

Item No.	Capacity	Handle Length	Description	Your Cost
3062-34	20 mL	30″	With overflow hole.	138.60

* One piece construction means no joint where handle and bowl meet, eliminating sample residue from collecting and growing bacteria. Double pour spouts.



Long-Handled Dippers with Replaceable Cup (Bel-Art Scienceware F36784)

The polypropylene cups have threaded fittings that screw onto the handle. 500 mL dipper has two pouring spouts. Handle is ribbed for a sure grip and has a hook for hanging. Economically priced.

		Your
Item No.	Description	Cost
3065-33	3 foot handle	58.25
3065-35	6 foot handle	75.85
3065-38	Extra 500 mL	13.93
	screw-on cup	



(Bel-Art Scienceware)

For the proper sampling of powders, pellets and other friable materials which may become non-homogeneous in bags. Anodized aluminum with a sharp stainless steel point. 22" long and has three ports each 3" long X .39" wide with a volume of 9 cc.

Item No. You	ır Cost
3062-08 2	96.45

Tapered Plug Soft Solid Sampler

(Bel-Art Scienceware)

Smooth satin finished stainless steel sampler for extracting a "plug" of cheese. The sharp end will cut through a bag or box. Twisting the handle one half turn will cut out a plug of cheese 6" long tapering from 11/16" to 1/2". Overall length is 7 1/2".

Item No.	Your Cost
3062-16	135.37





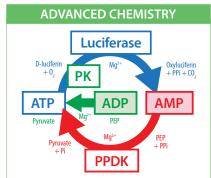
Lumitester[™] Smart A3 Sanitation System N (Kikkoman)

Only Kikkoman's new Lumitester[™] Smart A3 Sanitation System, distributed by Weber Scientific, detects ATP+ADP+AMP with one swab to give you the whole picture. Its patented A3 Technology has been proven to detect residues and microorganisms that others miss.

The proof is in the testing

WEBER SCIENTIFIC

Independent laboratory testing confirms that the Kikkoman A3 technology provides detection of residues at levels much lower than other tests on the market. Using residue from many different foods, laboratory testing proved that Kikkoman A3 technology produced a test result (relative light units - RLU) an order of magnitude or higher than competitive products. In many of the foods tested, Kikkoman A3 technology showed a strong presence of residue while the competitive products produced test results below typical action levels showing that Kikkoman A3 can reduce the risks from false negative results.



Eliminate Contamination

Sanitation is critical to food safety and ineffective cleaning can affect the appearance and taste of food, harbor microorganisms and promote the production of biofilms. So, if your sanitation system only detects ATP, you're missing potential contaminants.

ATP can be unstable and decompose into ADP and AMP. This means conventional systems that test for ATP alone may fail to find the true presence of contamination and may produce false negatives. Only the breakthrough chemistry in Kikkoman A3 technology detects ATP, ADP and AMP - more than any other product out there. Assure better surface sanitation and support a more effective sanitation program that reduces the presence of resident organisms and the risks from food pathogens.

Features

- Provides real-time feedback and facilitates long-term data analysis
- Optimizes and verifies that cleaning procedures are working
- · Assists in developing and improving process and risk assessment programs (i.e. HACCP & GMPs)

Specifications

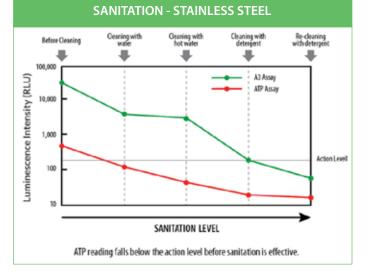
- Available Calibration Kit for in-house confirmation of calibration
- Powerful software included
- Small, lightweight, handheld instrument
- Powered by 2 x AA batteries for several months of uninterrupted use
- Removable read chamber design allows for easy cleaning
- Durable outside shell and sealed keypad to protect against . splashes and wear
- Original one year warranty includes parts and labor (additional coverage available)

Common Threshold Setting

- Food contact soft surface 500-1000 rlus
- Food contact stainless surface 200-400 rlus
- Food service hands 1500-3000 rlus
- Hospital 1000-2000-rlus
- Total ATP Water 200-500 rlus

Powerful Data Analysis Software package is included

- 100 programmable test plans
- 200 programmable user IDs
- 251 programmable locations per test plan
- 5,000 programmable test locations



SANITATION SUPPLIES

WEBER EXCLUSIVE 🕅 FIRST CASE UPGRADE 🛛 🕀 HAZARDOUS MATERIALS **SHIPS ON ICE**

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details.

Lumitester[™] Smart (Kikkoman)

For a Sanitary Environment in All Workplaces

- Hygiene monitoring in three easy steps •
- Visualize the data with App
- Access from anywhere with cloud storage .

ATP+ADP+AMP with A3 Detection

MEASURE:

Easy-to-use, results within 10 seconds

Step 1: Swab

• Swab the sample and insert the swab into main body

Step 2: Measure

Shake well and insert into the Lumitester

Step 3: Analyze

• Measurements (RLU) displayed within 10 seconds

UNDERSTAND:

App to continuously monitor multiple data

Recorded data can be displayed in time-series by registering with our specialized App. Inspection pass rates are automatically graphed and improvements can be visualized. Employees will be more conscious of hygiene, and will maintain a high standard of environmental sanitation, which will help build greater trust in your business.

CONNECT:

Centralized multi-site data with cloud data management

Data will be stored in the cloud and can be accessed from anywhere in the world. This will allow fast detection and response to any problems that may arise.

Item No.	Mfr. Item No.	Description	Qty Break	Your Cost
5300-01	61234	Lumitester [™] Smart	1	1,448.99
			2+	1,241.99



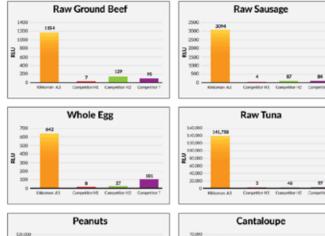
Item No.	Description	Qty	Qty Break	Your Cost
5300-10	LuciPac™ A3 Pen Swab	Case/100	1	258.56
灕	System	(20 x 5 aluminum bags)	2+	240.53
5300-11	LuciPac™ A3 Pre-	Case/100	1	258.56
*	Moistened Surface Swab System	(20 x 5 aluminum bags)	2+	240.53
5300-15	LuciPac™ A3 Pen Aqua	Case/100	1	258.56
藆	Swab System – layered flange tip for water sampling Total ATP	(20 x 5 aluminum bags)	2+	240.53
5300-20	Lumitester [™] Calibration	Kit		565.48

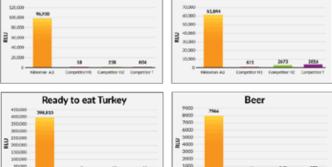




Detection - A3 vs. Competitors

ATP in meat, seafood, egg and fruit is decomposed into ADP and AMP during processing increasing levels of ADP and AMP. The A3 Sanitation System showed superior sensitivity and stability for detection of food residues compared to competitive ATP tests.







Videos, additional literature, and more available at weberscientific.com/A3

800-328-8378

ACCESSORIES: FOR LUMITESTER[™] SMART

SANITATION SUPPLIES



WEBER SCIENTIFIC



EnSURE Touch

EnSURE™ Touch Quality Monitoring System (Hygiena)

A Complete Environmental Monitoring Solution

The EnSURE Touch features superior performance, sensitivity, innovative design and functionality upgrades including:

- Responsive 5" shatter-proof touch screen that works while wearing gloves.
- Re-designed user interface that functions like a smart phone and configures to fit any facility or network of facilities.
- Wi-Fi capabilities and wireless sync technology for secure data transfer to new cloud-based software.
- Collection and storage of important testing data such as room number, line name, cleaner used, and more.
- Unique and extremely easy to use Re-test function.
- Training remote teams with built-in screen sharing technology.
- Automatic updates and calibration check reminders.

The EnSURE Touch is designed with its users in mind. Incorporating key design features and customization options, it is easily setup for industries like food and beverage manufacturing, healthcare, food service, hospitality, and many more.

The EnSURE Touch is accompanied by the latest version of Hygiena's SureTrend Data Analysis Software, SureTrend Cloud. The updated software is available in cloud-based or desktop formats and enables users to monitor, track, and trend testing results across one or multiple facilities, schedule automatic reports, and easily configure one or hundreds of monitoring systems from a single SureTrend account.



Key Benefits:



Intuitive Smartphone Design





Multiple Food Safety & Quality Tests

food safety program.

Always Ready, Always Reliable Centralize all your environmental monitoring tests in one cloudbased location, giving you a complete 360-degree view of your

Centralized Cloud-Based Reports



Palm-Size Technology



Internet-Enabled Remote Training

ltem No.	Description	Qty Break	Your Cost
3661-60	EnSURE Touch Luminometer	1	2,076.29
		2+	1,946.52
3661-62	CalCheck LED Calibration Verification		620.42

ACCESSORIES:



ATP Hygiene Monitoring Swabs see page 160. Micro-Snap see page 30.

SureTrend 🗸

ureTrend

SureTrend™ data analysis software allows you and all your stakeholders to monitor plant hygiene whenever and wherever you want, and it's free with every Hygiena[™] luminometer.

- Use SureTrend to:
- Track test results
- Quickly identify problem areas
- Analyze sanitation effectiveness
- Automatically generate reports
- Maintain records for regulatory
- compliance
- Facilitate continuous improvement

See everything you need on the dashboard.

The SureTrend dashboard appears at launch and can be configured so you can monitor results in the areas that need attention in seconds. The dashboard displays Pass/Caution/Fail results and failed test results by location or plan. Trend graphs help you confirm corrective actions were taken, anticipate fail results, and react to contamination sooner.

Chart your way to perfect hygiene.

SureTrend makes charting easy with over 30 pre-programmed reports. Choose any one of the template reports commonly used in the food and beverage industry, and then you can customize and save reports to your favorites. Export PDFs for easy sharing or open data sets in Excel® for further data analysis.

Trending

Use SureTrend to identify cleaning trends, contamination spikes, and corrective actions. Take control of your program and confidently reduce repeat cleaning sessions and downtime for faster production and reduced costs.

Tracking

Monitor equipment, track changes to cleaning procedures, and generate reports for management or record keeping to facilitate continuous improvement.

Build your network.

Install SureTrend on a network server and link devices, departments, and even plants for convenient communication and collaboration.

Create a global location directory for your HACCP program.

The global location directory allows HACCP coordinators to create a global list of all locations and test plans that should be tested in a facility, making them accessible to all plants. By standardizing test locations, facility comparison is easier than ever.

Let us randomize your plan.

Let SureTrend generate test plans by randomly selecting locations from a list and giving you statistical coverage over a given time period. Randomization is an ideal feature for facilities that can't test every location every day, but want to monitor 100% of locations.

SystemSURE Plus[™] Sanitation Monitoring System (Hygiena) Specifically for ATP Hygiene Monitoring

SystemSURE Plus is the next generation system of the world's best-selling SystemSURE II ATP sanitation monitoring system. With improved functionality, new software, and increased memory, the SystemSURE Plus meets the demands of the largest and smallest companies around the world.

Benefits

- Most cost-effective ATP sanitation monitoring system available
- Provides real-time feedback and facilitates long-term data analysis
- Optimizes and verifies that cleaning procedures are working
- Assists in developing and improving process and risk assessment programs (ie. HACCP & GMPs)
- No scheduled yearly maintenance necessary
- Available Calibration Control Kit for in-house confirmation of calibration
- Complimentary SureTrend Software

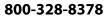
Fearues

- Sensitive Detects down to 1 femtomole (1 x 10-15 moles) of ATP
- Advanced photodiode technology Internal solid state detector is not affected by drops or shakes
- Storage:100 programmable test plans, 200 programmable user IDs, 251 programmable locations per test plan, 5,000 programmable test locations
- Small, lightweight, handheld instrument (0.57 lbs., 7 x 18. x 3 cm)
- Quick-test mode enables ad-hoc testing
- Large screen with back-light and optional BOLD text
- Powered by 2 x AA batteries for several months of uninterrupted use
 Connects to software via USB
- Removable read chamber design allows for easy cleaning
- Durable outside shell and sealed keypad to protect against splashes and wear
- Original one year warranty includes parts and labor (additional coverage available)

Item No.	Mfr Item No.	Description	Qty Break	Your Cost
3661-80	SS3	SystemSURE Plus	1	1,713.86
			2+	1,563.90
3661-82	CABLEUSB	Smart USB Cable w/Driver Software		69.60

Videos on how and where you can use ATP cleaning verification to improve your sanitation monitoring are available at **weberscientific.com**





ACCESSORIES: FOR HYGIENE MONITORING

SANITATION SUPPLIES



ATP TESTING

Hycheck Test Kits see website. AquaSnap Test Device see page 210. AllerSnap Test Device see page 5.



SELLER

ATP Hygiene Monitoring Swabs (Hygiena)

All-in-one test which detects low levels of ATP (Adenosine Triphosphate)

UltraSnap

UltraSnap[™] offers high sensitivity and is very cost effective.

- Detects to 0.1 femtomoles of ATP with EnSURE
- Detects to 1 femtomoles of ATP with SystemSure Plus

Features of Ultrasnap

- All-in-one test devices
- Pre-wetted swab
- Liquid stable reagentMore resistant to sanitizer affect
- Simple, easy-to-use and interpretConsistent sample collection

Benefits of Ultrasnap

- Maximum sample recovery
- Write-on swab label
- 12 months at refrigerated temperature of 35-46°F (2-8°C)
 4 weeks at room temperature of 70-77°F (21-25°C)
- More resistant to harsh chemical sanitizers
 More resistant to challenging

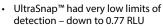
· Ready-to-use and convenient

product residues and production environments at extreme pHs

	Item No.	Mfr Item No.	Description	Qty	Your Cost
	3661-75	US2020	Ultrasnap	case/100	270.74
灕	3661-92	CK25	Positive Control Kit	pack/25	185.82
灕	3661-87	SSCC03	Swab Cooler	each	61.84

NEW AOAC-RI certification!

Key findings from the third party study:



- UltraSnap[™] detected ATP on surfaces at dilutions of 1:1,000 or lower
- UltraSnap[™] produces consistent results with no statistically significant variability



SuperSnap[™] (Hygiena)

The Next Level of ATP Detection

- High Sensitivity 4X more sensitive than UltraSnap
- Used predominantly in food & beverage processing facilities as an allergen cross-contamination prevention tool or when dealing with difficult samples
- By incorporating SuperSnap into a prevention program, risks and issues are recognized in real time and immediate corrective action and preventative measures can be implemented before product overlays occur.
- Identify food residues at extremely low levels
- Breaks through biofilms
- Detects very small amounts of ATP and organic residues
- Suitable for allergen monitoring –detects residues at levels down to 1
 100 PPM, which is similar to the detection capabilities of specific allergen tests
- 100% recyclable plastics low carbon footprint

	Item No.	Description	Qty	Your Cost
灕	3661-76	SuperSnap	case/100	304.80
	3661-60	EnSURE Luminometer		1,988.34
	3661-80	SystemSURE Plus		1,713.86



CrossCheck Acid Phosphatase Test (Hygiena)

CrossCheck is a rapid bioluminogenic test for the determination of Acid Phosphatase (ACP) activity. CrossCheck can quickly gauge whether surfaces and utensils, even those that appear visibly clean, retain potentially hazardous uncooked residue. CrossCheck can also be used directly on cooked products to verify thermal processing and food contact surfaces to measure raw meat residues and cross contamination hazards. For use with EnSURE monitoring system.

Benefits:

- Results in 2-5 minutes
- 2 minute quick-test or 5 minute enhanced sensitivity test methods
- Liquid –stable chemistry eliminates the need to reconstitute a pellet, giving more accurate results with less variation
- Unique patented Snap-Valve[™] design reduces user variation
- Pre-wetted swab breaks through biofilm and aids in sample collection
- Environmentally conscious design uses 50% less plastic than other tests
- Test devices are 100% recyclable
- 12 month shelf life at refrigerated temperatures (2°C -8°C)

Sensitivity:

- Detects to 0.1% or less of raw meat or fish
- Optional incubation for enhanced sensitivity

ltem No.	Mfr. Item No.	Description	Qty	Your Cost
3661-88	CX-3000	CrossCheck Acid	Pk/10	330.97
*		Phosphatase Test		



ZymoSnap ALP Alkaline Phosphatase Test (Hygiena)

Detects down to 0.001% raw milk

ZymoSnap measures alkaline phosphatase (ALP) enzyme activity in milk products to verify pasteurization efficiency in 10 minutes.

- Patented snap-valve technology and liquid-stable reagent
- 100% recyclable test device
- For use with EnSURE monitoring system
- Detects down to .001% raw milk
- Detects below regulatory limits (<350 mU/L)
- Clear, reliable results even at low levels (25-100mU/L)

Item ZS-ALP-PC (a positive control) is recommended for use with ZymoSnap. Please call 800-328-8378 for details.

Item No.	Mfr Item No.	Qty	Your Cost
4161-90	ZS-ALP	Case/100	300.04

ACCESSORIES: ADDITIONAL SWABS



Micro-Snap see page 30. AquaSnap ATP Water Testing Device see page 212

each 61

LICENSE NUMBER

ESEARCH INSTITUTE

101803

Surface Residue Test

SpotCheck Plus[™] Glucose and Lactose Residue Test (Hygiena)

SpotCheck Plus detects the presence of glucose and lactose on a surface as a rapid indicator of surface hygiene. Simply swab a surface, release the reagent, and if any residue containing glucose and/or lactose is present, the reagent will turn green. The more contamination present, the quicker the color change and darker the color. SpotCheck Plus instantly validates the hygiene of a surface, allowing immediate corrective action to be taken if necessary. If it turns green, it isn't clean!

Benefits:

- All-in-one device
- Easy-to-interpret color results
- No instrumentation necessary
- Results in 60 seconds
- Pre-moistened swab for reliable collection, recovery, and detection
- ✓ 100% recyclable
- 18 month shelf life at refrigerated temperatures (2-8°C)
- ✓ 4 week shelf life at room temperatures (21-25°C)

Sensitivity:

- Jetects down to 2.5 µmoles D-glucose or 5.0 µmoles lactose in 60 seconds
- Disregard any color change after 2 minutes

	Item				
	No.	Description	Qty	Qty Break	Your Cost
灕	3660-12	SpotCheck Plus glucose lactose residue test device	pack/100	1	239.08

Precautionary note:

To ensure freshness store at refrigerated temperature.

Hygiene monitoring tests should be performed post-cleaning and pre-sanitization to verify cleaning effectiveness. The manufacturer recommends that if the SpotCheck Plus device is used post-sanitization, then the sanitizer must be given time to dry completely before the sample is taken. Of particular concern are peroxide-based sanitizers, which can give a false-positive result if not left to dry before sampling. You're welcome to call the Weber Scientific Technical Service department for additional information.

PRO-Clean[™] Rapid Protein Food Residue Test (Hygiena)

Validate surface cleanliness without instrumentation

A quick and easy way to accurately monitor the cleanliness of food equipment surfaces to help ensure food safety and product quality. This test detects any protein residues left on a surface after cleaning. Simply swab a surface, release the reagent and if any residue containing protein is present the reagent will turn purple. The color change provides a semi-quantitative measure of the surface cleanliness. The more contamination present, the quicker the color changes to purple and the darker the color. PRO-Clean almost instantly validates the hygiene of a surface, allowing immediate corrective action to be taken if necessary.

Recommended for food retail, processing and service.

Key features and benefits:

- / Results in under 10 minutes with most color changes taking place in under 60 seconds
- \checkmark Detects 80 μ g protein after 1 minute, 50 μ g after 5 minutes, 20 μ g after 10 minutes
- ✓ All-in-one device no instrumentation
- 18 month shelf life at room or refrigerated temperatures
- Easy to interpret
- Affordable
- Excellent for employee training and feedback
- Provides HACCP/SSOP verification
- Pinpoints deviations in sanitation procedures

ltem No.	Qty	Qty Break	Your Cost
3660-70	pack/100	1	235.52



e

SpotCheck Plus

Fail

Pass

Fai





Hydrion[®] Chlorine Test Papers (Micro Essentials)

Hydrion Chlorine Test Paper provides a simple, reliable, and economical means to measure the concentration of free available chlorine in sanitizing solutions. With color matches at 10-50-100-200ppm, the test paper measures concentrations between 10-200ppm.

Item No.	Mfr Item No.	Range	Color Match Points	Otv Break	Your Cost
3077-09	CM-240	10-200 ppm	10-50-100-200 ppm	1-9	5.06
				10+	4.78

Hydrion® Quat Test Papers (Micro Essentials)

Economical way to test the strength and efficacy of quaternary sanitizers

- Color charts lab-tested for precision accuracy
- Each roll gives about 100 tests

Item No.	Mfr Item No.	Description	Range	Color Match Points	Qty Break	Your Cost
3077-10	QC-1001	2-chain high-range quat	0-1000 ppm	0-200-400-600-800-1000 ppm	1-9	5.60
		types			10+	5.28
3077-11	QT-10	2-chain quat types	0-400 ppm	0-100-200-300-400 ppm	1-9	5.69
					10+	5.38
3077-12	QT-40	4-chain quat types	0-500 ppm	0-150-200-400-500 ppm	1-9	6.65
					10+	6.27





DRION





SANITATION SUPPLIES

Insta-Test Test Strips (LaMotte)

Very useful in dairy, food and beverage plants.

Single Factor Test Strips

ltem No.	Mfr. Item No.	Description	Range (ppm)	Qty	Values (ppm)	Qty Break	Your Cost
5049-03	2997	Alkalinity	0-180	50	0, 40, 80, 120, 180	1-9	12.10
						10+	11.64
5049-06	2999	Chlorine Dioxide	0-10	50	0, 0.25, 0.5, 1, 3, 10	1-9	13.16
						10+	12.65
5049-09	3002	Chlorine Dioxide	0-500	50	0, 10, 25, 50, 100, 250, 500	1-9	11.77
						10+	11.34
5049-45	2964-G	Chlorine, Free,	0-10	25	0, 0.25, 0.5, 1, 3, 5, 10	1-9	8.11
		Low Range				10+	7.33
5049-48	3031	Chlorine, High Range	0-800	50	0, 50, 100, 250, 500, 800	1-9	20.42
						10+	19.69
5049-12	2979	Chlorine, Total	0-5	50	0, 0.5, 1, 3, 5	1-9	13.28
						10+	12.79
5049-15	2981	Hardness, Low Range	0-180	50	0, 30, 60, 120, 180	1-9	13.81
						10+	13.26
5049-21	3000	Peracetic Acid	0-160	50	0, 10, 20, 40, 60, 85, 160	1-9	12.03
						10+	11.59
5049-42	3000LR	Peracetic Acid,	0-50	50	0, 5, 10, 20, 30, 50	1-9	11.90
		Low Range				10+	11.45
5049-54	3000HR	Peracetic Acid,	0-1000	50	0, 50, 100, 250, 500, 1000	1-9	11.36
		High Range				10+	10.95
5049-51	2984LR	Peroxide	0-50	25	0, 1, 3, 10, 30, 30, 50	1-9	13.43
			_			10+	12.94
5049-18	2974	pH, Wide Range	4-10 (pH)	50	4, 5, 6, 7, 8, 9, 10	1-9	14.07
						10+	13.51
5049-58	2934	QAC (Quaternary Ammonia	0-80	50	0, 10, 20, 40, 80	1-9	9.05
		Compound) test strips	0-800		0, 100, 200, 400, 800	10+	8.69

ACCESSORIES: FOR SANITATION AND SAFETY SUPPLIES



More pH Test Strips see pages 113, 208. Water Test Kits see page 211. Water Test Strips see page 208.

Sanitizer Test Strips

Test Strips Make Sense for Simple, Accurate and Inexpensive Analysis

Water Quality Test Strips (Industrial Test Systems)

These patented tests are a safe and sensitive alternative to wet chemical tests. A mechanical reader is not required – even for the 0.05 PPM or mg/L sensitivity.

ltem No.	Mfr. Item No.	Parameter	Range ppm/mg/L	Steps, mg/L	Qty	Qty Break	Your Cost
4312-03	481026	Chlorine, free	0-6	0, 0.05, 0.2, 0.4, 0.6, 0.8, 1.2,	bottle/50	1-9	15.58
		Water Check		1.5, 2.0, 2.6, 4, 6		10+	14.47
4312-06	481126	Chlorine, free	0-6	0, 0.05, 0.2, 0.4, 0.6, 0.8, 1.2,	30 individually	1-9	15.58
		Water Check		1.5, 2.0, 2.6, 4, 6	wrapped	10+	14.47
4312-12	480023	Chlorine, free	0-25	0, 0.25, 0.5, 1 ,2, 3, 4, 5, 6, 7,	bottle/50	1-9	14.02
				8, 9, 11, 15, 20, 25		10+	13.02
4312-15	480022	Chlorine, free	1-120	0, 1, 2, 5, 10, 20, 40, 80, 120	bottle/50	1-9	11.69
						10+	10.85
4312-20	480024	Chlorine, free	0-750	0, 25, 50, 100, 200, 300,	bottle/50	1-9	11.69
		high range		400, 500, 750		10+	10.85
4312-18	480124	Chlorine, free	0-2000	0, 25, 50, 200, 500, 800,	bottle/50	1-9	11.69
				1000, 1500, 2000		10+	10.85
4312-50	480018	lodine	0-5	0,0. 02, 0.05, 0.1, 0.2, 0.3,	bottle/50	1-9	13.25
				0.4, 0.5, 1, 2, 3, 4, 5		10+	12.31
4312-53	480064	lodine	0-300	0, 5, 10, 15, 20, 30, 40, 50,	bottle/50	1-9	11.69
				75, 100, 150, 200, 250, 300		10+	10.85
4312-54	480065	Peracetic Acid	0-100	0, 2, 5, 10, 20, 30, 40, 100	bottle/50	1-9	9.89
						10+	8.17
4312-55	480066	QAC (Quaternary	0-1000	0, 100, 150, 200, 300, 350,	bottle/50	1-9	8.42
		Ammonia)		400, 1000		10+	7.84
4312-56	481234	Ozone	0 - >0.5	0, 0.05, 0.1, 0.2, 0.3, 0.4, >0.5	bottle/50	1-9	16.37
						10+	15.19
4310-28	481015	Peroxide	0-4	0.05, 0.3, 0.5, 1.0, 2.0, 4.0	bottle/50	1-9	15.83
						10+	14.72
4310-26	480014	Peroxide	0-100	0, 0.5, 2 ,5, 10 ,25 ,50, 100	bottle/50	1-9	12.46
						10+	11.57



Hydrion Chlorine Test Strips (Micro Essentials)

Hydrion chlorine test strips measure the concentration of free chlorine in sanitizing solutions.

					Qty	Your
Item No.	Mfr Item No.	Description	Range, ppm	Qty per Vial	Break	Cost
3077-17	CH-1000	Chlorine test strips 0-1000	0-50-100-250-500-	100	1-5	12.07
			800-1000		6+	11.40
3077-15	CH-300	Chlorine test strips 0-300	0-25-50-100-200-300	100	1-5	10.58
					6+	9,98

Chlorine, Iodine, QAC Test Papers (LaMotte)

Chemically impregnated test paper strips provide a simple, fast and economical means of checking the strength of sanitizers in dishwashing rinses and other cleaning solutions. Furnished with instructions and color chart in a waterproof plastic vial.

ltem No.	Mfr. Item No.	Description	Range, ppm	Qty per Vial	Qty Break	Your Cost
4310-10	4250-BJ	Chlorine test strips	10, 50, 100, 200	200 strips	1-19	11.79
					20+	10.57
4310-15	2948-BJ	lodine test strips	12, 25, 50, 100	200 strips	1-19	10.25
					20+	7.60
4310-22	2951	QAC (Quaternary Ammonia Compound)	50, 100, 200, 400	100 strips	1-19	9.55
		test strips			20+	7.16
4310-23	3072-J	QAC (Quaternary Ammonia Compound)	0, 100, 200, 300,	100 strips	1-19	9.96
		test strips	400, 500		20+	8.03
5049-57	2951HR	QAC (Quaternary Ammonia Compound),	200, 400, 600,	50 strips	1-9	10.50
		High Range	1000, 1500		10+	9.00





800-328-8378

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The VersaClenz All-In-One Hand Hygiene System

VersaClenz Touchless Dispenser and Manual Dispenser (Best Sanitizers)

Reduce cross-contamination with the VersaClenz Touchless Dispenser or Manual Dispenser. This versatile system can dispense 16 different products including sprays, foams, liquids, lotions, soaps and sanitizers. Both dispensers use the same universal 1000 mL and 1250 mL cartridges. The VersaClenz Dispenser system allows for drastic reduction of SKUs and warehousing needs without any reduction in product options. Available in black or white.

Automatic dispensers recommended for dry placement areas only. Not recommended for damp environments or wash down areas.

- Compatible with 16 different products
- Infrared sensor for touchless operation
- ADA compliant
- Durable
- Up to 100,000 applications on 4 D-Cell batteries (not included)

Best Suited for:

- Food Processing
- Food Service / Grocery

ltem No.	Mfr Item No.	Description	Qty Break	Your Cost
4339-10	AD10048C	VersaClenz Touchless	1-5	60.11
		Dispenser - White	6+	56.76
4339-12	AD10048BC	VersaClenz Touchless	1-5	60.11
		Dispenser - Black	6+	56.76
4339-15	MD10030C	VersaClenz Manual	1-5	24.74
		Dispenser - White	6+	23.35
4339-17	MD10030BC	VersaClenz Manual	1-5	29.10
		Dispenser - Black	6+	27.96
4339-20	KTS1010	Floor Stand - Standard		105.78
4339-21	KTS1011	Floor Stand - EZ-Change		138.80
4339-22	KTS1012	Floor Stand - Video		387.08
4339-24	JPP10088	Catch Tray - Black		7.03
4339-25	JPP10091	Catch Tray - Translucent		7.04
4339-26	USP20026	Tabletop Display Stand		23.90

VERSACLENZ CARTRIDGES

Alpet E3 Plus Hand Sanitizer Spray (Best Sanitizers)

Kills 99.9999% (LOG6) of 26 Tested Pathogens in 15 Seconds

Alpet® E3 Plus Hand Sanitizer Spray is an atomized alcohol hand sanitizing formula engineered to meet the requirements of the Food Industry. Alpet E3 Plus meets all current FDA and USDA requirements for hand sanitizers in food handling environments. Alpet E3 Plus is a powerful, yet gentle ethanol-based formula which has been tested and proven effective against 26 pathogens.

- Kills 99.9999% (LOG6) of 26 tested pathogens in 15 seconds •
- Meets all FDA (GRAS) and USDA requirements for food handling
- Formulated with moisturizers to keep hands soft and healthy
- Atomized spray saturates nails and cuticles
- NSF registered E3 classification
- Kosher, Pareve and Halal certified .
- . 71% Ethanol formula

Best Suited For:

- Food Processing /
- Food Service •
 - Grocery
- Office Wellness
- . Industrial Hygiene

ltem No.	Mfr Item No.	Qty	Description	Qty Break	Your Cost
4339-01	SO10039	pack/6	1000 mL cartridges	1	88.82
			Versaclenz	2+	77.73

S

Alpet E2 Sanitizing Foam Soap (Best Sanitizers)

Alpet E2 is an ideal foaming soap for all food processing environments.

Engineered with a powerful PCMX formula, Alpet E2 is a highly effective product that yields over 3,150 applications per gallon and over 1,600 applications per 1250 mL cartridge.

- Over 3,150 applications per gallon
- 1.5% PCMX (para-chloro-meta-xylenol)
- formula NSF approved E2 classification
- Kosher certified and Pareve
- Available in four configurations
- Rich, thick foam

Best suited for:

- Food Processing
- **Food Service**

ltem No.	Mfr Item No.	Qty	Description	Your Cost
4339-05	SO10029	pack/6	1250 mL cartridges Versaclenz	90.30

Int

WEBER EXCLUSIVE 🎄 SHIPS ON ICE

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details.

Alpet-E3 Plus Alcohol Hand Sanitizer Spray (Best Sanitizers)

CDC recommends alcohol-based hand rubs to reduce cross contamination

Alpet-E3 PLUS is a powerful hand sanitizing formula engineered to meet the requirements of the food industries. No rinsing is required before touching food. It's a liquid that's atomized for better coverage, especially around the nails and cuticles.



Alpet-E3 PLUS meets all current FDA and USDA requirements for hand sanitizers in food handling. Ethanol alcohol is known to kill a wide range of gram positive and gram-negative bacteria.

Alpet-E3 PLUS is a 71% ethanol-based formulation which has been tested specifically and proven effective against *Salmonella typhi* and *Staphylococcus aureus*.

This product is Kosher, Halal Certified and Pareve.

	ltem No.	Mfr Item No.	Qty	Comments	Qty Break	Your Cost
€	4336-05	SA10013	50 gal.		1	1,220.79
					2+	1,139.40
•	4336-08	SA10014	gallon	requires pump	1-3	32.55
				kit (#4336-16)	4+	29.45
	4336-11	SA10012	liter	requires pump	1-5	13.85
				sprayer	6+	13.28
				(#4336-17)		

ltem No.	Mfr Item No.	Qty	Comments	Your Cost
4336-16	KT10011	each	pump kit fits gallon bottles, reusable	11.25
4336-17	JPP10007	each	atomizing, metered pump sprayer for liter bottle, reusable	7.57

EZ Step Foot Activated Hand Sanitizer Dispenser (Best Sanitizers)

Freestanding or wall-mount models

Hands-free is recommended in food processing or dairies. Sturdy stainless steel dispenser for wet or dry environments. One-gallon capacity includes atomizing pump. The EZ Step Wall-Mounted Foot Activated Hand Sanitizer Dispenser will accommodate our one gallon bottles of hand sanitizer spray Alpet E3 Plus or Alpet E3 as well as our Alpet E3 Hand Sanitizer Foam, Alpet QE2 Sanitizing Foam Soap, and Alpet E2 Sanitizing Foam Soap, and Alpet D2 Surface Sanitizer Spray for gloves. The EZ Step



Portable Foot Activated Hand Sanitizer Dispenser can be used with Alpet E3 Plus Hand Sanitizer Spray, Alpet E3 Hand Sanitizer Spray, and Alpet D2 Surface Sanitizer Spray for gloves. Open channel design for easy washdown. Ships fully assembled. Made in the USA.

Item No.	Mfr Item No.	Description	Your Cost
4336-34	MD10012	freestanding	670.17
4336-31	MD10105	wall-mount	247.96

AlcoSCRUB[®] Foam Antiseptic Hand Cleansers (Thermo Scientific)

Specifically manufactured for laboratory workers, AlcoSCRUB Foam is 99.9% effective against a broad spectrum of microorganisms. The foam formula produces an instant lather and contains emollients to soften the skin. The active ingredient is 62% ethyl alcohol. Foam hand cleansers are ideal in situations where soap and water are not available.



Item No.	Description	Qty	Qty Break	Your Cost
4336-80	AlcoSCRUB Foam Instant	Each	1-7	21.30
	Antiseptic Hand Cleanser		8+	19.87
	(32 oz, 946 mL foaming			
	bottle w/pump top)			
4336-81	Wall bracket for 32 oz foaming bottle	Each		4.08

AlcoSCRUB[®] Gel Antiseptic Hand Cleansers (Thermo Scientific)

(memo scientific)

CDC hand hygiene guidelines now recommend alcohol-based hand rubs

Fast-acting antimicrobial gel is designed for use when water is not available to supplement hand washing. Ideal for reducing bacteria counts on the hands prior to putting on gloves and entering an aseptic environment. Gel dries quickly and leaves no sticky residue. Contains the emollients of vitamin E & aloe to help moisturize hands and keep them chapfree. Formulated with 62% ethyl alcohol and is highly effective against a broad spectrum of microorganisms.

Item No.	Description	Qty Break	Your Cost
4336-50	4 oz (118 mL) flip-top bottle	1-23	5.06
		multiples of 24	3.61
4336-55	16 oz (473 mL) pump bottle	1-11	11.32
		12+	9.85
4336-60	32 oz (969 mL) pump bottle	1-11	13.63
		12+	12.43

1-2 Knockout Wrist-Activated Dispenser (Best Sanitizers)

Stainless steel dispenser for wet or dry environments. Recommended in food processing or dairies. Onegallon capacity includes atomizing pump. Suitable for use with Alpet E3 Plus alcohol hand rinse, and can also be used with Alpet D2 Surface Sanitizer to sanitize gloves. Made in the USA.

Item No.	Mfr Item No.	Your Cost
4336-28	MD10006	102.46



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SANITATION SUPPLIES



Alpet Q E2 Sanitizing Foam Soap (Best Sanitizers)

Tough on Germs, But Gentle On Hands... Even With Repeated Use.

Alpet[®] Q E2 is an ideal foaming soap for all food processing environments. Engineered with a powerful Benzalkonium Chloride formula, Alpet Q E2 enhances the skin's protective barrier while cleansing at the same time.

- Over 3,150 applications per gallon
- 0.12% Benzalkonium Chloride (BAC) formula
 Enhances the skin's protective barrier while cleansing at the same time
- pH balanced and formulated with emollients to keep skin healthy
- NSF registered E2 classification
- Kosher, Pareve and Halal certified
- Rich, thick foam
- Available in 250mL, 1250 mL cartridge

ltem No.	Mfr Item No.	Qty	Description	Your Cost
4338-33	SO10042	pack/12	250mL Bottle w/pump	151.05
4339-04	SO10036	pack/6	1250 mL cartridges Versaclenz	77.73

Lubriderm[®] Daily Moisture Lotion

Dermatologist developed for normal to dry skin. Water based formula is fragrance free and has a clean, nongreasy feel. Clinically shown to moisturize for 24 hours.

Item No.	Size	Your Cost
4329-27	16 oz. / 473 mL	14.12

Bacdown® Handsoap (Decon)

Handsoap for life-science laboratory personnel protection. Substantive to skin, protects between washings. Designed for multiple daily use, cleans without drying the skin. Contains nonoxynol-9 for additional skin cleansing power.

ltem No.	Qty	Qty Break	Your Cost
4326-10	1 liter dispensing	1-11	26.65
	pump jar	Multiples of 12	22.54
4326-20	5 liter	1-3	94.00
		Multiples of 4	79.51



AutoMyst 2 Touchless Hand Sanitizer Dispenser (Best Sanitizers)

Increase compliance and reduce crosscontamination with our newly improved AutoMyst 2 Touchless Dispenser. Improved dual-infrared sensors detect the presence of hands, discharging a pre-measured application of atomized sanitizer. Pre-filled 1-liter bottles fit easily into dispenser for ease of maintenance. Dispenser easily mounts onto wall or stands on counters or desktops for maximum versatility. Recommended in food processing or dairies.



Suitable for use with Alpet E3 Plus alcohol hand rinse. Includes Pump Sprayer (#4336-17), (Alpet E3 liter size (#4336-11) or SMA0016U order separately).

Item No.	Mfr Item No.	Description	Your Cost
4336-38	AD10061	Dispenser w/ 4 D-batteries	86.85
4336-40	JPP10090	Optional tray	5.50

HACCP Q E2 Sanitizing Liquid Soap (Best Sanitizers)

HACCP Q E2 is an ideal liquid soap for all food processing environments. Engineered with a powerful Benzalkonium Chloride formula, HACCP Q E2 is 99.999% effective on 26 pathogens, but gentle on hands and skin even with repeated use.

- Kills 99.999% of 26 tested pathogens in 15 seconds
- 0.12% Benzalkonium Chloride (BAC) formula
- Enhances the skin's protective barrier while cleansing at the same time
- pH balanced and formulated with emollients to keep skin healthy
- NSF registered E2 classification
- Available in 2 configurations
- Rich, thick lather

Best Suited for:

- Food ProcessingFood Service / Grocery
- Food Service / Grocery

Can be used with 4336-28 (dispenser - wall mount)

Item No.	Mfr Item No.	Description	Your Cost
4338-26	SO10003	1 gallon bottle case/4	85.53
4338-27	SO10002	55 Gallon Drum	908.41
4338-30	KT10011S	Liquid Soap Pump Kit	9.79
4338-31	USP20105-P	Drum Pump - Plastic	39.66
4338-32	USP20106-S	Drum Pump - Stainless Steel	184.16

ACCESSORIES: FOR HAND-CARE



Disposable Gloves see pages 120 - 122.

166



No-Rinse Sanitizing Multi-Surface Wipes Softpack (Sani-Professional)

Help stop "Listeria monocytogenes" with a 60-second Sanitizing solution. Sani Professional® No-Rinse Sanitizing Wipes are pre-moistened, ready-touse wipes saturated with 380 ppm quaternary ammonium chloride. This



product is EPA-registered, Food Code Compliant and effectively removes 99.999% of the most common foodborne pathogens within 60 seconds. It is used to sanitize hard, nonporous food contact surfaces and non-food contact surfaces without requiring a rinse. The product is disposable, which helps reduce the risk of cross-contamination.

- Improved wipe material that's now better at picking up food debris
- Faster drying formula
- Red color-coded packaging to ensure proper use
- For sanitizing hard, non-porous food contact surfaces
- EPA registered and U.S. Food Code compliant
- Available in 72 count softpack, 9" x 8" wipe size

ltem No.	Mfr Item No.	Qty	Qty Break	Your Cost
4337-34	M30472	pack/72	1-11	81.68
			Multi of 12	71.50
4337-38	P015500	Wall Mount Bracket	Each	13.84

Alpet D2 Surface Sanitizing Wipes (Best Sanitizers)

Just pull, wipe and toss – no rinsing required

Alpet D2 Surface Sanitizing Wipes are a readyto-use, no-rinse surface sanitizer combined with a durable wipe that kills 99.999% of bacteria in 60 seconds (tested on Staphylococcus aureus and E coli). The wipes also eliminate airborne food contamination hazards associated with the use of sprays. The highly durable, lint-free towels come in two sizes; the extra heavy duty



towel measures 10 x 7.5 inches and the standard duty towel measures 9.5 x 7.2 inches. The wipes meet previously accepted USDA and current NSF D2 criteria as a no-rinse sanitizer and EPA Reg. No. 73232-2. They are kosher and pareve certified. The canister has a spring-loaded flip-top that prevents the towels inside from drying out.

ltem No.	Description	Qty	Your Cost
4337-39	Extra heavy duty wipes	90 wipes/can	104.18
	in dispensing canister	6 canister/case	
4337-41	Standard wipes in	160 wipes/can	104.18
	dispensing canister	6 canister/case	
4337-32	Lockable wall bracket for canister		21.99

Wall-Mounted Sanitizer Stations (Best Sanitizers)

Item No.	Mfr Item No.	Description	Your Cost
4337-80	USP10255	SS Bracket for Wipe Canister	118.30
4337-81	USP10256	SS Bracket for Wipe Canister and Quart Bottle	148.63
4337-82	USP10257	SS Bracket for Wipe Canister, Quart Bottle, and Liter Bottle	194.11

No-Rinse Sanitizing Multi-Surface Wipes (Sani Professional)

Easy and convenient with no mixing, measuring, or rinsing - No-Rinse Sanitizing Multi-Surface Wipes provides the best method to prevent foodborne illness.

- Effectively sanitizes hard, non-porous food contact and food preparation surfaces.
- New formula is 2X as potent
- Controls cross contamination
- Just wipe and let dry. Drying time is 50% faster Consistently deliver an average of 380 ppm of quat sanitizing solution... wipe after wipe!
- Now effective against LISTERIA (the first wipe of its kind)
- Kills Staphylococcus aureus, E. coli and Shigella boydii in 60 seconds
- FDA Food Code Compliant
- USEPA registered and approved
- Eliminate airborne food contamination hazards associated with sprays
- Convenient where water use is limited
- 95 Count, 7.75" x 9" wipe size
- 175 Count, 7.75" x 5" wipe size

Item No.	Mfr Item No.	Description	Qty	Qty Break	Your Cost
4337-33	P56784	Wipes	95 per canister	1-5 multi. of 6	62.36 54.61
4337-40	P010801	3-in-1 Sani-Bracket®	each		31.41
4337-36	P66784	Probe size	175 per	1-5	74.85
		wipes	canister	6+	59.90

Alcohol, Iso-Propyl, 70% (2-Propanol) (1) 🔨

70% solution (v/v). Widely used for effective disinfecting. ACS Grade.

ltem No.	Qty	Qty Break	Your Cost
4113-20	4 liter	1-3	84.25
ACS Grade		4+	73.86
4113-25	20 liter		206.91
4113-26	55 gallon		836.00

Adjustable Spray Bottle

Lab grade bottles feature a trigger-motion spray that dispenses a spray or stream of liquid from an adjustable nozzle. Translucent highdensity polyethylene. 28-400 neck size.



ltem No.	Capacity, oz./mL	Qty Break	Your Cost
4113-70	16 / 480	1-5	5.11
		Multiples of 6	4.64
4113-73	22 / 660	1-3	6.86
		Multiples of 4	6.24
4113-76	32/960	1-11	6.50
		Multiples of 12	5.89

800-328-8378



ACCESSORIES: FOR SANITIZATION Alcohol Wipes see page 172.

Bleach Wipes see page 134.

SANITATION SUPPLIES

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HACCP SmartStep[™] Footwear Sanitizing System (Best Sanitizers)

VEBER SCIENTIFIC

Effective decontamination of footwear soles

The new HACCP SmartStep[™] Footwear Sanitizing System adds an additional layer of pathogen protection for food processing facilities, nutraceutical plants, pharmaceutical plants, clinical research labs and clean rooms by reducing cross-contamination from footwear before employees enter the production area or other critical control zones.

- This foot-operated footwear sanitizing unit uses compressed air to deliver an atomized spray of Alpet D2 Surface Sanitizer onto footwear soles
- This spray provides ample coverage to footwear soles, yet uses only 0.2 ounces of chemical which minimizes chemical waste and improves moisture control
- Sanitizing unit and handle mount to the floor to provide a safe and secure hand hold when using the SmartStep
- Collection basin is easily accessed for cleaning
- The HACCP SmartStep System is expandable and can grow as your plant's needs grow.

Item No.	Description	Qty Break	Your Cost
4336-82	SmartStep Sanitizing Unit	1-4	2,167.94
		5+	2,032.50
4336-83	SmartStep Sanitizing Unit	1-4	3,118.63
	with Handle	5+	2,923.78
4336-84	SmartStep Sanitizing Unit with	1	4,333.05
	Boot Scrubber and Handle	2+	4,062.34
4336-85	SmartStep Boot Scrubber	1-4	2,235.27
	with Handle	5+	2,095.61

HACCP SmartStep2[™] Dual Footwear Sanitizing Unit (Best Sanitizers)

Reduce Cross-Contamination from Footwear.

The new HACCP SmartStep2[™] Dual Footwear Sanitizing Unit is a foot-operated system that requires no electricity, and uses compressed air to deliver an atomized spray of Alpet® D2 Surface Sanitizer and Alpet® D2 Quat-Free Surface Sanitizer to the bottom of footwear

soles. Each application provides ample

coverage to footwear soles, yet uses only 0.4 ounces of chemical (0.2 oz per boot) which minimizes chemical waste and improves moisture control. Collection basin is easily accessed for cleaning.

- Compact footprint (27 in. L x 33 in. W x 44 in. H)
- Sturdy stainless steel construction with high quality components throughout
- Uses compressed air and requires no electricity
- Made in the USA
- Dual footwear, walk-through design provides greater throughput
- Eight atomizing spray nozzles (four per boot) provide ample coverage to footwear soles
- Unit will not activate until both feet are in place

Item No.	Description	Qty Break	Your Cost
4336-86	SmartStep2 Dual Footwear	1-4	5,733.38
	Sanitizing Unit	5+	5,593.95



Disinfectant Mat Sanitizing Foot Bath

Highly recommended at the entrance of all dairy and food processing areas, receiving rooms, laboratories—anywhere you want to limit the spread of contamination. Rubber fingers scrub shoe soles allowing contaminants to settle to the bottom undisturbed, while the shoe contacts clean solution only. Heavyweight mat stays put and solid rubber sidewalls will not sag. This is an industrial quality mat! New larger size can cover more of boot and is more effective on slanted surfaces.

Item No.	Size	Description	Your Cost
4330-20	24" X 32" X 1/2"	standard rubber; 1 gal capacity	59.83
4330-22	24" X 32" X 7/8"	chlorine resistant rubber	127.73
4330-25	7″ X 10″	fiberglass sign, "Notice: Use Footbath to Ensure Product Safety"	33.62
4330-38	32" X 39" X 2"	chlorine resistant rubber	231.70
4330-40	32″ X 39″ X 2 1/2″	standard rubber; 5.5 gal capacity	160.02

QAC - Quaternary Ammonia Compound

Item No.	Qty	Your Cost
4330-50	gallon	46.34

Best Refillable Wiping System (Best Sanitizers)

Use with any of Best Sanitizers' surface cleaning and sanitizing products in bulk

Best Sanitizers' refillable wiping system comes with a reusable canister and 6 rolls of wipes to a case. Wipes come in a 160 count canister.

When the canister goes empty, just reorder the 6-pack of refill rolls and reuse the durable canister to save money and reduce

waste. The wipes in each canister come dry. Add 1.25 guarts of either Alpet D2, Alpet D2 Quat-Free, Alpet E3 Plus or the product of your choice to the wipes to create the wiping system of your choosing.

· Dry wipes in a 160 count canister

WEBER EXCLUSIVE

- Fill with the product of your choice
- Reusable canister w/ spring-loaded lid to prevent drying
- Best suited for food processing, food service, grocery, and industrial hygiene

Item No.	Description	Qty	Your Cost
4337-90	Best Refillable Wiping System	case/6	86.43
4337-91	Wiping System Refill	case/6	54.80

REST CASE UPGRADE 🔶 HAZARDOUS MATERIALS 🎄 SHIPS ON ICE

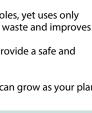


SANITATION SUPPLIES 168

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details.







Preferred solution for sanitizing.

Alpet® D2 Quat-Free Surface Sanitizer and Cleaner (Best Sanitizers)

New Alpet® D2 Quat-Free Surface Sanitizer is a ready-to-use, no-rinse, fast acting, food contact and non-food contact surface cleaner and sanitizer. It is highly evaporative and ideal for water sensitive equipment and dry environments. It leaves no unsightly residue, and is an effective sanitizer for those processors who can't use quat.

- Clean, Sanitize and Disinfect food contact and non-food contact surfaces with one product
- Ready-to-Use, no-rinse required
- 62.5% Ethanol formula
- Highly Evaporative and ideal for low moisture environments and water sensitive equipment
- Kills 99.999% of 8 tested pathogens in 60 seconds on food contact surfaces, including rubber gloves
- 10 Second Kill on non-food c surfaces, including rubber fo
- 5 Minutes to Disinfect non-fo contact surfaces
- NSF listed D2 classification .
- EPA registered

Item

No.

🔒 4337-60

🚯 4337-55

🕀 4337-50

 Kosher, Pareve and Halal certified

Mfr

Item No.

SS10032

SS10031

SS10031-

SS10030

BSS



3+

1-2

3+

1

2+

Alpet® Quat Sanitizer (Best Sanitizers)

Alpet Quat Sanitizer is a dilutable sanitizer for food contact and nonfood contact surfaces. With an NSF registered D2 classification, this product is an effective drain sanitizer and rubber footwear sanitizer.

- Dilutable, no-rinse surface sanitizer for food and non-food contact surfaces
- Broad spectrum, dual guat for superior efficacy
- Sanitizes pre-cleaned food contact surfaces in 60 seconds and nonfood contact surfaces in 30 seconds
- Disinfects in 10 minutes
- anitizer
- izer lassification
- Pareve

h-food contact ubber footwear ct non-food cation Halal	1		 Effectiv NSF reg EPA reg 	e footwear e drain san jistered D2 jistered certified an	itiz cla
Description	Qty	Your	ltem No.	Mfr. Item No.	[
Description	Break	Cost	H 4337-20	SS10020	5
Quart Bottles with spray		127.23	▼		
trigger included. Case of 12			H 4337-21	SS10019	
5 gallon pail w/spigot	1-2	155.62	•	22.3019	

137.93

170.21

150.87

995.54

882.42

	ltem No.	Mfr. Item No.	Description	Your Cost
•	4337-20	SS10020	50 gallon drum	648.50
•	4337-21	SS10019	5 gal Pail w/spigot	83.59
•	4337-22	SS10018	4x 1 gal	77.67

Alpet D2 Surface Sanitizer, for Food Contact Surfaces (Best Sanitizers)

5 gallon pail for use with

SmartStep & Defender

50 gallon drum

(bulk or refill)

Alpet D2 is a ready-to-use, no-rinse alcohol/quat sanitizer for food contact surfaces and disinfectant for non-food contact surfaces.

Benefits include:

- 58% IPA/quat formula Kills 99.999% of 9 tested pathogens as a food contact surface sanitizer, including Escherichia coli and E.coli O157:H7, Salmonella enterica serotype Choleraesuis and Salmonella typhimurium, Listeria monocytogenes and Pseudomonas aeruginosa
- NSF listed and Environmental Protection Agency registered
- Kosher, Pareve and Halal Certified 5 minute disinfectant



ltem No.	Mfr Item No.	Description	Qty Break	Your Cost
4337-05	SS10001	50 gal. drum	1	781.51
			2+	706.23
4337-10	SS10002	5 gal. tote with spigot	1-2	130.86
			3+	114.95
4337-09	SS10002-	5 gal. pail with hose	1-2	140.58
	BSS	for use w/SmartStep	3+	123.48
4337-11	SS20001	2.5 gal. secondary empty pail for refill from bulk		152.24
4337-15	SS10003	quart complete with		124.13
		trigger sprayer. Case of 12		
4337-17	SS10004	secondary empty quart bottle with trigger sprayer		49.55
	No. 4337-05 4337-10 4337-09 4337-11 4337-15	No. Item No. 4337-05 SS10001 4337-10 SS10002 4337-09 SS10002- BSS 4337-11 SS20001 4337-15 SS10003	No.Item No.Description4337-05SS1000150 gal. drum4337-10SS100025 gal. tote with spigot4337-09SS10002- BSS5 gal. pail with hose for use w/SmartStep4337-11SS200012.5 gal. secondary empty pail for refill from bulk4337-15SS10003quart complete with trigger sprayer. Case of 124337-17SS10004secondary empty quart bottle with	No. Item No. Description Break 4337-05 SS10001 50 gal. drum 1 2+ 2+ 2+ 4337-10 SS10002 5 gal. tote with spigot 1-2 4337-09 SS10002- 5 gal. pail with hose 1-2 85S for use w/SmartStep 3+ 4337-11 SS20001 2.5 gal. secondary empty pail for refill from bulk



SOAKING SOLUTION



Compare to Contrad[®] 70

WeberClean[™] Concentrated Soaking Solution **№**



Removes virtually any contaminant from every surface – even dried proteins. Works by soaking alone, with no need to scrub. WeberClean is totally rinsable and leaves no residue. It is phosphate and chlorine-free, and is biodegradable — used solutions may be disposed straight to drain. Typically, a 2 – 5% solution is completely effective in soaking all labware 100% clean. WeberClean is stable to the addition of bleach to create an effective cleaner/sanitizer mix.

- In addition to general labware cleaning, following are some examples of other common applications:
 - Pipet soaking

- Food plant and equipment USDA Approved
 Pharmaceuticals and biotechnology plant and equipment
- Radioactive decontamination
 Phate
 Replaces chromic acid, solvents and caustics
 - Pharmaceuticals and biotechnology plant and equipment
 retice

WeberClean is an emulsion of anionic and nonionic surface active agents in an alkaline aqueous base. It is a very effective solution and is a super value.

ltem No.	Qty	Qty Break	Your Cost
4335-10	1 gallon	1-3	70.92
		Multiples of 4	67.84



Contrad[®] 70 Liquid Soaking Solution (Decon)

Concentrated. Phosphate free solutions are totally biodegradable, and work by soaking alone, **needing no manual scrubbing**. Totally rinseable — leaves no residue.

Item No.		Qty	Your Cost
4325-36		1 liter	30.61
4325-38	•	5 liter	95.56

Alcotabs[®] Cleaning Compound (Alconox)

Cleans pipets and test tubes in siphon-type washers. Easy procedure: drop tablet into the rinser and place holder with pipets into rinser. Alcotabs will dissolve (in cold or warm water) and effervesce, producing a detergent solution that passes up and down through the bores and around the pipets. Rinsing automatically follows after the tablet has dissolved. Pack of 100 tablets.



Item No.	Qty Break	Your Cost
4325-28	1-5	50.80
	6+	48.59

MICRO-90[™] Liquid Cleaner (International Products)

Soaking solution

An economical unique broad spectrum cleaner that lifts and emulsifies oils and greases. It disperses and holds small particles in suspension. Strongly concentrated: a 2% solution is recommended for most cleaning applications.

Recommended for the dairy and food laboratory! Some culture media get

baked on flasks in the incubation process... MICRO-90 soaks them clean. Soak lab glassware with a 2% solution when soiled. Greases and food residues come off the next morning when glassware is rinsed. Use MICRO-90 for pipet washing. Pipets go into a 2% solution immediately after use, then are rinsed in a siphon rinser. All fats and proteinaceous materials are removed. **100% clean.**

A chemical analysis for residues of MICRO-90, with a limit of detection of 10 ppm, detected **no** MICRO-90 residues. Also, X-ray activation analysis of surfaces cleaned with MICRO-90 indicate that less than one third of a mono-layer of MICRO-90 is left on Pyrex[®] glass after 4 rinses.

No toxicity or inhibitory characteristics. As tested in accordance with the Inhibitory Residue Test, *Standard Methods for the Examination of Water and Wastewater*. **Cleans safely**. Very low toxicity, skin irritation and eye irritation. Rated non-hazardous. Non-polluting.

Item		Your
No.	Qty	Cost
4320-15	liter	31.90
4320-25	4 liter	82.96
4320-30	5 gallon	351.53



SANITATION SUPPLIES

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📉 WEBER EXCLUSIVE 🔿 FIRST CASE UPGRADE 🔶 HAZARDOUS MATERIALS 🎄 SHIPS ON ICE

SOAKING SOLUTION

Citranox[®] Liquid Acid Detergent (Alconox)

For hand washing or soaking – removes milk stone! Phosphate free, concentrated cleaner and metal brightener for high performance removal of metal oxides, scale, salts and inorganic residues in manual and ultrasonic cleaning. Corrosion inhibited and free rinsing for reliable results and no interfering residues. Ideal for trace metal analysis. USDA authorized. Dilute 2:100. pH 2.5

Item No.	Qty	Qty Break	Your Cost
4325-16	Gallon / 3.87 L	1-3	87.18
		Multiples of 4	82.71



Bromthymol Blue pH Indicator

0.04% solution for checking laboratory glassware. Localized blue (alkaline) or yellow (acid) zones in the dispersing bromthymol blue solution demonstrate incomplete removal of cleaning solutions. 500 mL.

	Cost
4324-15 4	9.36

HAND WASHING

Neutrad® Liquid Detergent (Decon)

For hand washing

Specifically designed for safe and effective handwashing labware. Features a neutral pH. Highly concentrated: only 1% solutions needed. Totally rinseable, biodegradable and completely non-corrosive.

Item No.	Qty	Your Cost
4325-70	5 liter	82.68

Liquinox® Liquid Detergent (Alconox)

For hand washing

Formulated for spotless cleaning of laboratory glassware, metals, rubber, plastic and hardsurface materials. Phosphate free liquid is fast wetting, high foaming and mild (pH 8-8.6).

Item No.	Qty	Qty Break	Your Cost	Qty Break	Your Cost
4325-40	quart	1-11	39.14	Multiples of 12	37.69
4325-50	gallon	1-3	93.57	Multiples of 4	88.62

Detergent Powder (Alconox)

For hand washing

Can be used in hot or cold and hard or soft water. Biodegradable, odorless, colorless and mild (pH 9-9.5). Completely soluble and leaves no residue after proper rinsing. Special formulation removes fats. For manual use.

Item No.	Qty	Qty Break	Your Cost	Qty Break	Your Cost
4325-10	4 lb.	1-8	68.21	multi. of 9	65.47
4325-20	25 lb.	1	271.99	2+	258.04

800-328-8378



Hand-Wash Non-Phosphate Cleaner (Haemo-Sol)

Environmentally Friendly

This non-toxic and biodegradable cleaner is particularly effective in hand washing, as well as in soak- and rinse-type situations.

- Concentrated. Recommended Use: ½ ounce (14 grams) to 1 gallon (3.79 liters) of water as a mix ratio.
- Makes 160 gallons of solution
- Contains an anionic surfactant.

Item No.	Mfr Item No.	Qty	Qty Break	Your Cost
4320-44	026-058	5 lb.	1-5	35.39
			Multiples of 6	30.67

Tergazyme[®] Enzyme Active Powdered Detergent (Alconox) For hand washing

Concentrated, biodegradable and readily disposable. Used to remove dairy proteins, soil, grit, grime, grease, fats, and oils and solvents, among others. It can potentially replace corrosive acids and hazardous solvents. Free rinsing for reliable results and no interfering residues. Foaming formulation is not for machine use. Often used to pass your cleaning validation tests for lab accreditation and plant inspection approval. Authorized by USDA for use in federally inspected meat and poultry plants. Passes inhibitory residue test for water analysis.



HAEMO-SOL

Item No.	Qty	Qty Break	Your Cost
4325-80	4 lb.	1-8	69.02
		multiples of 9	66.24
4325-82	25 lb.	1-2	254.56
		3+	241.36

Visit: weberscientific.com

SANITATION SUPPLIES



REMO-SOI

DISHWASHER

Dishwasher Non-Sudsing Detergent (Haemo-Sol)

Absolutely residue free

Mechanical washers need a cleaning agent that will not create foam even under the most extreme conditions. This non-sudsing cleaner combines the same complete cleaning action, haemo-digestive capacity, and excellent rinse characteristics without the suds. It is specially formulated to meet the cleaning needs required by the short wash cycles in modern washers.

- Concentrated. Recommended use: 1 ounce (28 grams) to 5 gallons (18.93 liters) of water as a mix ratio.
- Makes approximately 400 gallons of solution.
- Contains a non-ionic surfactant.

ltem No.	Mfr Item No.	Qty
4320-38	026-051	5 lb.

Item No.	Qty Break	Your Cost
4320-38	1-5	42.75
	Multiples of 6	37.03

Dri-Contrad®Dishwasher Powder Detergent (Decon)

Highly effective. Non-foaming formulation for automatic labware washing machines. Offers total clean-up of proteins and most stubborn contaminants both organic and inorganic. Rapidly soluble: will not cake in the dispenser, nor leave "gritty" deposits on cleaned surfaces. Totally rinseable and chlorinated to minimize biohazard. Noncorrosive. Highly concentrated.



Item No.	Qty	Your Cost
4325-30	2 kg	37.81
4325-34	5 kg	81.72

Alcojet[®] Dishwasher Powder Detergent (Alconox)

Lubricating formula to protect the metal parts of mechanical washers. The high sequestering and wetting power make it extremely effective in removing difficult soils (pH 10.6 - 10.8).

Item No.	Qty	Qty Break	Your Cost
4325-24	4 lb.	1-8	60.38
		multiples of 9	57.87
4325-26	25 lb.	1-2	199.68
		3+	192.23



CLEANING AGENTS

Kimwipes[®] (Kimberly Clark)

Lint-free laboratory tissues in dispenser box.

		à	
-	Annual States		
-			1

Item No.	Sheet size	Sheets per box	Qty	Qty Break	Your Cost
3066-05	4 1/2" X 8 1/2"	280	case/60	1-2	316.54
			boxes	3+	271.33
3066-15	15" X 17"	140	case/15	1-2	195.65
			boxes	3+	169.56

Additional size and ply options available at weberscientific.com

Kimwipes® Holder (Heathrow Scientific)

Small or large clear acrylic holders. Either can be mounted on a bench or wall. The small version attaches with double back tape and the larger version with screws. The mounting materials are included.



Item No.	Size	Your Cost
3066-30	small	17.12
3066-31	large	32.63

WypAll® L30 Wipers (Kimberly Clark®)

WypAll Wipers L30 features double re-creping (DRC) technology, which gives them high surface softness and a reinforced grid for strength. Soft enough for personal use on hands and skin (natural rubber latex free), strong enough for wet surface wiping and cleaning.



- 11"W x 10"L sheets
- 120 wipers per pack, 10 packs per case
- General purpose use for glass, metal, plastic, and stainless steel
- Wipes contain a special lintguard polyshield for maximum performance
- Dry wipes remove soils & liquids from face & hands

Item No.	Sheet size	Sheets per box	Qty	Your Cost
4337-03	11" X 10"	120	case/10 boxes	99.24

Alcohol Wipes (Covidien)

2 ply Prep pads of surgically pure cotton felt saturated with 70% isopropyl alcohol. Sterile pads are prepackaged in individually sealed, foil laminated packets.

Item No.	Qty	Qty Break	Your Cost
4350-20	Case/4000	1	78.68
		2+	52.45

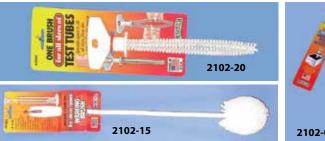
ACCESSORIES: FOR WIPES

70% Iso-Propyl Alcohol see page 167.



Wipes and Brushes







Foam Laboratory Brushes (BrushTech)

Specifically designed for washing laboratory glass and plasticware. Special formula foam does not absorb water and will not become soggy or limp. These brushes will not scratch, chip, break or mar your labware. They are claimed to last 10 times longer than traditional brushes. Available individually.

ltem No.	Total Length	Description	Qty Break	Your Cost
2102-06	16″	bendable brush for	1-11	7.58
		flasks and small cylinders	12+	6.11
2102-12	10″	short handle brush	1-11	7.26
		for beakers	12+	5.78
2102-15	19″	long handle brush	1-11	8.06
		for large cylinders	12+	6.45

Cylinder Brushes



Extra Strong Lab Brush (BrushTech)

- For trays, baths or pans
- Non-abrasive won't scratch plastic or painted surfaces
- 14.25" (362 mm) handle
- 3" X 3" (76 mm) brush

Item No.	Qty Break	Your Cost
2102-07	1-11	7.64
	12+	6.11

Test Tube Brush, Adjustable

Stiff-bristle brush cleverly adjusts to fit most size tubes. 8 1/2" total length.

Item No.	Qty Break	Your Cost
2102-20	1-11	5.56
	12+	4.41

Made of black bristle for





Heavy gauge galvanized wire shaft is extended to form the loop handle.

ltem No.	Length X Dia., Inches	Total Length Inches	Qty Break	Your Cost	Qty Break	Your Cost
2105-30	5 X 2	13	1-11	11.11	12+	10.40
2105-33	5 X 2	15	1-11	8.85	12+	8.30
2105-36	6 X 2-3/8	20	1-11	13.45	12+	12.62



Flask Brush

Made of white unbleached hog bristle which is part of a plastic handle. Brush is mounted on a spring wire which is mounted on a flat wire. Heavy duty black enamel handle. 16" total length. Bristle part is 4" X 1-1/2".

Item No.	Your Cost
2105-10	10.23

LabmatTh Protective Covering

(Bel-Art Scienceware)

Simplifies clean-up and safeguards work surfaces from stains, spills and wear. Nonskid flexible polyethylene film backing prevents soak-through of most solutions, while the highly absorbent upper surface traps water, dyes and corrosive chemicals. 20" wide X 50' in handy dispenser carton.



Item	Your
No.	Cost
4334-70	85.35

Silicone Lab Mat (Heathrow Scientific)

The Lab Mat is an economical solution to help keep benchtops clean and safe from stains, spills and wear. Save money by eliminating the need for repeated

purchases of disposable paper mats. The lab mat is made from a durable FDA approved silicone material that creates a stain resistant washable working surface. The mat is cleaned using any standard disinfectant by simply wiping it, or putting it in a dishwasher.

- Made from FDA food grade silicone
- Protect countertops from hot items up to 200°C (392°F)
- General chemical resistance from moderate oxidizing chemicals, concentrated sodium hydroxide
- NOT RESISTANT to many solvents, oils, concentrated acids and dilute sodium hydroxide
- Washable with standard disinfectants in sinks or dishwashers allow for easy clean up for repetitive uses
- Mat can be rolled up for compact storage
- Autoclavable at 121° for 15 minutes

ltem No.	Mfr Item No.	Description	Dimensions	Your Cost
4334-80	HS120506	Side One: solid yellow, Side Two: blue design on grey background	35 cm x 60 cm (14 in x 23.5 in) 2 mm thick	47.07
4334-85	HS120507	Side One: solid purple, Side Two: grey design on purple background		47.07

Thermometers





Economy Pocket Dial Thermometers

VEBER SCIENTIFIC

An economical way to include everyone in critical temperature monitoring. High quality inspection thermometers at an affordable price. Perfect for most food and beverage quality control applications.

Bi-metal pocket dial thermometers with protective carrying case. 1" dial, easy-to-read, with exclusive magnifying polycarbonate lens; Rugged

stainless steel construction; +1% accuracy over total range; Plastic pocket case with clip can also be used as a handle.

Item No.	Range	Graduations	Qty Break	Your Cost
3028-09	-40° to +160°F	2°F		9.21
3028-10 NSF	+25° to +125° F	2°F		9.31
3028-13	+25° to +125° F	1°F		5.86
3028-17	0° to +220° F	2°F	1-24	9.70
NSF			25+	8.09
VEE81550	50 to 550°F	5°F		5.86
VEE81110	-10° to +110°C	1°C		5.86
VEE81070	-40° to +70°C	1°C		5.86

Laboratory Dial Thermometer (Thermco)

1 3/4" dial. Features all external parts of stainless steel with poly-carbonate lens and pan clip. Accuracy $\pm 1\%$ over entire range. Stem is 8" long.

la N	D	Carabastiana	Qty	Your
Item No.	Range	Graduations	Break	Cost
3028-19	25 to 125°F	1°	1-24	17.05
			25+	13.63
3028-20	-40 to 160°F	2°	1-24	17.14
			25+	13.70
3028-21	0 to 220°F	2°	1-24	17.05
			25+	13.63
3028-22	-10 to 110°C	2°	1-24	17.05
			25+	13.63

Probe Wipes (Comark)

Wipes out cross contamination and the spread of bacteria. Packed in a handy plastic case.

ltem	Mfr	Qty	Your
No.	Item No.		Cost
3066-80	PW70T	70 / canister	6.21







3028-20

1" Pocket Dial Thermometer (Thermco)

Features stainless steel construction and lexan plastic crystal. Simple hexnut calibration. Accurate to 1% over entire range. 5" stem with plastic clip case.

ltem No.	Range	Graduations	Qty Break	Your Cost
3028-11	-10 to 110°C	2°	1-24	14.10
			25+	10.90
3030-40	0 to 120°F	2°	1-24	14.05
			25+	10.85
3030-46	25 to 125°F	1°	1-24	14.05
			25+	10.85
3030-49	0 to 220°F	2°	1-24	14.05
			25+	10.85



up to 48" long

Super Long Stem Dial Thermometer

3" dial. 2°F subdivisions. Accuracy is \pm one subdivision.

Item No.	Range	Stem Length inches/mm	Your Cost
3030-20	-40 to 160°F	12"/305mm	31.42
3030-22	0 to 200°F	36"/914mm	115.72
3030-24	0 to 200°F	48"/1220mm	152.21



Specialty Dial Thermometers see page 180.

Digital Thermometers



AquaTuff[™] Wrap & Stow[™] 351/352 Series Waterproof Thermocouple Thermometers (Cooper-Atkins)

Select from two popular probe styles

Some of the features include:

- Extended low temperature measurement range.
- Wrap and stow models allow the cord to be wound and the probe • secured into the side channel for protection and convenience.
- All models feature tenth degree resolution (AquaTuff 352 Series; features whole/tenth degree resolution user selectable.
- 80% improved battery life (1800 hours typical).
- Extended ten minute Auto-Off operation (previously 5 minutes).
- Lighter weight for improved ergonomics.
- Tool-free battery door operation for easy battery replacement. •
- IPX7 waterproof rated for even greater reliability in harsh environments. .

Each instrument comes complete with a specific removable probe that enables the unit to have a Total System Accuracy ™ (instrument and probe accuracy combined) of $\pm 0.9 \, \text{F}^\circ$ ($\pm 0.5 \, \text{C}^\circ$) over the entire temperature range. Tough construction ensures reliable performance even after repetitive drops onto concrete and exposure to high temperature.

Other features:

- Fahrenheit/Celsius switchable.
- No calibration is required. Comes factory calibrated to N.I.S.T. standards.
- Under normal operating conditions, it will not need to be recalibrated. ٠

on: Mfr	Thermometer	ABS Plastic CE Marking			
		ABS Plastic			
		ABS Plastic			
Warranty: Instrument – 5 years, Probe					
/pe/Life H	ours:	2 AAA/ 1800+			
Additional real dies.		cent backlight and a hold button that "freezes" the current reading. Auto-Off feature can be disabled.			
		AquaTuff 352 Includes an electrolmines			
		Tenth Degree to 0.1° / 1° user selectable			
5		-100° to 500°F (-73° to 260°C) Tenth Degree to 1°			
	,	± 0.9°F (±0.5°C) (Instrument & probe combined)			
	ure Rang n - AquaT n - AquaT I features rpe/Life H	em Accuracy: ure Range: n - AquaTuff 351: n - AquaTuff 352: I features: rpe/Life Hours:			

3360-25	35132	AquaTuff 351	DuraNeedle	1-2	291.68
		Wrap & Stow		3+	271.56
3360-27	35140	AquaTuff 351	MicroNeedle	1-2	291.68
		Wrap & Stow		3+	271.56
3360-30	35232	AquaTuff 352	DuraNeedle	1-2	345.66
		Wrap & Stow		3+	321.82



Choice of two probes:

DuraNeedle - Quick and rugged for insertion or immersion.

MicroNeedle - Best response with minimal impact on your product.

• Probes are made out of patented, high temperature and abrasion resistant cable.

ltem No.	Mfr. Item No.	Replacement Probe Description	Qty Break	Your Cost
3360-35	55032	AquaTuff DuraNeedle	1-2	112.17
			3+	104.69
3360-36	55040	AquaTuff MicroNeedle	1-2	112.17
			3+	104.69



AquaTuff[™] 351/352 Series Waterproof "Type K" Thermocouple Thermometers (Cooper-Atkins)

These models use a type K probe (available separately) otherwise they share many of the features of the wrap and stow models with the following exceptions:

Accuracy		\pm 0.5° F (\pm 0.3°C) over entire measurement range at ambient temperatures between 68 to 86° F (20 to 30° C)			
Temperat	ure	-100 to 999°F (-73 to 5	37°C)		
Certificati	ons	CE Marking, NSF			
Warranty		Five years; one year for probe			
Battery		2 AAA batteries			
ltem No.	Mfr. Item No.	Thermometer Description	Probe Description	Qty Break	Your Cost
3360-40	35100-K	AquaTuff 351	N/A	1-2	242.80
				3+	226.05
3360-42	35200-K	AquaTuff 352	N/A	1-2	295.45
				3+	275.07

800-328-8378

ACCESSORIES: FOR DIGITAL THERMOMETERS

THERMOMETERS



175



Digital Thermometers

RACEABLE

459.83

Traceable® Platinum Ultra-Accurate Digital Thermometer (Traceable)

Incredible accuracy at a super affordable price Internal data logger records up to 24 hours

- Platinum sensor insures linear response and high accuracy across the entire range.
- Thermometer is ideal for foods and stands up to the most severe environments.
- Membrane keys are splash-proof and easy to operate.
- Decimal-placement key changes display to show one, two, three, or four significant numbers after decimal.
- Internal data logger automatically captures Min/Max readings every hour for last 24 hours.
- Instant response probe updates readings 3 times per second for liquids, air/gas, and semi-solids.
- To assure accuracy an individually serial-numbered Traceable[®] Certificate is provided from an ISO 17025 calibration laboratory accredited by A2LA.

It indicates traceability to standards provided by NIST (National Institute of Standards and Technology).

Specification

Range:	-200.00 to 500.000°C (-328.00 to 932.000°F).
Resolution:	0.001° or 0.0001°.
Accuracy:	±0.05°C between -80 to 250°C.
Handle Probe Model:	fast-response, waterproof, 4-wire platinum, stainless-steel probe; 0.13-inch diameter x 6.3 inch stem length, 9-inch overall, 5-foot cable, for liquids, air/gas, and semi solids with readings at tip penetration of 0.3-inch.
Bullet™ Probe Model:	fast-response, waterproof, 4-wire platinum, stainless-steel; ¼-inch diameter x 1-inch long, with high temperature (500°C) 10-foot flexible glass cable, for liquids, air/gas, and semi solids.
Size:	3½ x 5½ x 1¼-inch.
Weight:	8 ounce.
Supplied:	battery, platinum probe/cable, plastic carrying case, Traceable® Certificate.

ltem No.	Mfr Item No.	Description	Your Cost
3517-66	6412	With s.s. handle probe	500.38
3517-68	6422	Replacement s.s. handle probe	356.03
3517-69	6423	Replacement bullet probe	305.14

PRECISION Pt100 Digital Thermometer (Thermco)

The ACCD370P Single Probe Precision RTD Digital Thermometers can be used as a Laboratory Temperature Standard, for the verification and calibration of liquid-in-glass, digital and dial bi-metal thermometer; as well as laboratory instruments such as freezers, refrigerators, incubators, ovens, etc. The PRECISION - Pt100's are traceable to NIST Standards and is furnished with a certificate proving traceability. The ACCD370P is loaded with the features requested by most laboratories.



Inputs	Pt100, 4-wire
Measuring range	-100°C to +300°C (-148~572°F)
Accuracy	±0.4°C (system accuracy)
Resolution	0.1℃ 0.1°F
Connectors	DIN 45326 8-pole
Working temperature	0°C to +50°C
Display	2-Line LCD
Housing	Plastic (ABS)
Dimensions (LxWxH)	150 x 66 x 31 mm
Weight	350 g
Power supply	3 x 1.5 Volt AAA
Batterie life	apprx. 100 hr

ltem No.	Mfr Item No.	Description	Your Cost
3530-60	ACCD370P		383.67
3530-62	ACCD370PFC	-100/300°C Digital NIST, Cert@-20,0,4,25,37,56,95,121°C	556.20

Need help finding the right thermometer for your application?



Let us know! Weber Scientific account managers are lab experts that can help suggest the right products for your unique facility and application. We encourage you to contact us by phone or email to discuss your individual needs.

MaryBeth Karczynski Sales Manager 800-328-8378 mkarczynski@weberscientific.com

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EconoTemp[™] Thermocouple Thermometer (Cooper-Atkins 32311-K)

Designed for the foodservice industry, the powerful microprocessor delivers speed and reliability and a useful memory which stores the calibration settings and will virtually never need recalibration. Rugged ABS plastic housing complete with rubber boot. Accepts any type K thermocouple probe (available separately).



125.41

Temperature Range:	-40° to 500°F / -40° to 260°C	
Temperature Accuracy:	±2°F / ±1°C	
Auto Off:	Yes	
F/C Switchable:	Yes	
Water Resistant:	Yes	
Certification:	CE NSF	
Warranty:	5 Year Instrument Warranty	
Power Supply:	(3) AAA batteries (1500 hours av	erage life)
Battery Life:	5 years	
Itaw Na	Otro Brook	Vour Cost
Item No.	Qty Break	Your Cost
3000-70	1-2	134.36

3+

Folding Thermometer (Comark P19W)

The Comark P19W folding thermometer is a waterproof digital thermometer designed for quick food temperature checks in busy kitchens. The thermometer is compact enough for your pocket and features an integrated hang hole and magnetic back for convenient storage options. Ideal for a wide variety of food temperature checks with a temperature measurement range of -58°F to 572°F (-50°C to 300°C).

Key Features

- 4.5" Stainless Steel Folding Probe
- Three Buttons: HOLD,°C/°F,CAL
- 90 second auto-off feature.
- Resolution: 0.1 °C/°F.
- Temperature Accuracy: ±0.9°F
- + $(\pm 0.5^{\circ}C)$ in range between 14 to
- 212°F (-10 to 100°C).
- Battery: 1 x AAA 1.5V included.
- 180° auto-rotating display.

Item No.	Your Cost
3370-21	92.71

Antimicrobial Waterproof Type K Thermocouple Food Thermometer (Comark C48)

With BioCote® based antimicrobial agent molded right into the case!

The Comark C48 Type K Thermometer is designed for HACCP programs in foodservice and food processing. The IP65 rated thermometer is waterproof and dustproof and is accurate to 1°F. The C48 accepts a large variety of probes for probing hot and cold foods, testing grill surfaces and checking air temperatures in coolers or ovens.

The high and low alarm function will alert you to temperatures measured outside of pre-programmed parameters.

The C48 thermometer has a data hold button that freezes the current reading on the screen - useful when the temperature has to be recorded.

A new feature is the maximum/minimum function. By pressing the max/min button it is possible to recall the maximum and minimum temperatures recorded. Comark's C48 thermometer has a handy countdown timer that is activated from the set-up menu, the instrument will bleep for 30 seconds at the end of the countdown period.

Comark uses BioCote®, the only antimicrobial solution to be awarded HACCP International Certification, to provide an important extra level of surface protection against cross-contamination.

Measurement Range	-328°F to +2502°F / -200°C to +1372°C	
Displayed Resolution	0.1° Above -100° 1° Equal to or less than -100°	
Instrument Accuracy at +73°F/+23°C	0.1% ±0.4°F/0.2°C	
Operating Temperature Range	-4°F to +122°F/-20°C to +50°C	
Countdown Timer Interval	1 second to 24 hours	
Battery	2 AA	
Size	152mm/6″ long X 58mm/2.3 " wide X 22/27mm/0.9/1.1″	
Weight	128g/4.5 oz	
Warranty	One year	

Item No.	Qty Break	Your Cost
3370-30	1-2	201.13
	3+	171.98

Foodcheck[™] Digital Thermocouple Thermometer (Comark KM28B)

Water resistant and easily cleanable with membrane keypads. Auto-off feature. Accepts any type K probe. Complete with 9V battery, and rubber case. **Probe available separately.** One year warranty.

 Range:
 -40° to 1000°F switchable to -40° to 500°C

 Accuracy:
 ±2°F, ±1°C

Item No.	Qty Break	Your Cost
3370-10	1-2	182.64
	3+	156.17

ACCESSORIES: FOR DIGITAL THERMOMETERS





Thermocouple Probes see page 183.



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Digital Thermometers

Coolit-Rite[™] Digital Thermometer with Super-Long Stem (Cooper-Atkins TTM41)

Accurately monitors when food is correctly cooled

food is correctly cooled Code requires food must be cooled to 41°F or lower in less than four hours after cooking or hot holding. The Coolit-Rite assists in the verification of compliance with these HACCP guidelines. Its built-in programmable timer tracks elapsed time while its thermometer monitors the temperature of your food. When countdown is finished – or when temperature has dropped below 41° (or 5°C) – the timer will start to count up and it will show elapsed time, up to 6 hours and 59 minutes. Its large LCD displays the final temperature until cleared.



It can also be used as a regular digital thermometer, complete with minimum and maximum temperature memory, by simply not activating the programmable timer. Very handy for numerous hard-to-reach applications. Features an extra-long 15" stainless steel stem with minimal depth indicator, adjustable vessel clip, min-max temperature memory until cleared, and is waterproof. NSF & CE listed.

Temperature range	e -4 to 302°F or -20 to	-4 to 302°F or -20 to 150°C, switchable		
Accuracy		$\pm 2^{\circ}$ F from -4 to 212°F or 1°C from -20 to 100°C; $\pm 3^{\circ}$ F/2°C all other ranges		
Resolution	0.1°	0.1°		
Timer range	to 6 hours and 59 m	inutes		
Display	1" LCD	1″ LCD		
Battery type		One LR44 button cell battery included; replacement #3029-60		
Warranty	1 year			
Item No.	Mfr Item No.	Qty Break	Your Cost	
3370-75	TTM41	1-4	68.73	
		5+	60.14	

Watertight Folding Pocket Thermometer (Thermco)

Fast response reduced tip

The folding thermometer is pocket-size for easy temperature measurements in liquid and powdered materials. The food safe housing is completely watertight and easy to clean!

- Features:
- Includes NIST Traceable Certificate
- 2 3/4" Adjustable Angle Probe
- Automatic Power Off after 10 minutes

Temperature Range:	-40°C to +250°C (-40 to 482°F)		
Accuracy:	±0.5°C -20 to 150	±0.5°C -20 to 150°C, otherwise ±1.0°C		
Resolution:	0.1 °C			
Operating Temperature:	0 to +50°C (32 to	122°F)		
Standards:	EN13485			
Protection class:	IP65			
Power:	Button cell battery 1x CR 2032			
Dimensions:	716 x 38 x 20 mm			
Weight:	41.2 g (incl. Battery)			
Item No.	Mfr Item No.	Qty Break	Your Cost	
3516-71	ACCD0553DIG	1	49.36	
		2+	43.18	



COOK N COOL Digital Thermometer and Timer (Cooper-Atkins)

Monitor Your Cooking and Cooling Processes with One Unit!

For economic HACCP compliance in cooking and cooling, the COOK N COOL digital thermometer allows you to view desired internal cooking temperature without opening an oven door, and will also track the cooling rate of foods to ensure proper cool down temperatures. The continuous display tells what temperatures the food (hot/cold) reached during cooking. A "High Alarm" sounds when food reaches preset limits, and a "Low Alarm" is perfect for monitoring the cooling process. The 80 decibel volume can be heard in a noisy restaurant kitchen and the visual indicator on the front can be seen.

Product Specifications

- Temperature Range: -25° to 392°F (-31° to 200°C)
- Accuracy: ±2°F (±1°C) from -4° to 302°F (-20 to 150°C)
- Resolution: 0.1 Temperature/1.0 Set Temperature
- Heat-resistant, silicone-jacketed cable
- ABS Plastic housing
- Wall-mount bracket with magnet
- Rear probe storage slot
- Rubberized feet
- Large easy to read LCD 2.25" x 1.5" (57 mm x 38 mm)
- Battery operated (3 AAA) not included
- IP44 waterproof rated
- Replacement probe is available
- 1 year warranty

Your Cost	Item No.	Mfr Item No.	Qty Break	Your Cost
49.36	3370-76	DTT361-01	1-2	45.85
43.18			3+	39.30

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Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details.

Food Thermometers



HACCP Dual Temp Infrared and Thermocouple

"2-in-1" <u>waterproo</u>f IR thermometer for food safety and HACCP temperature monitoring

HACCP warning lights shine RED between 40° to 140°F (4° to 60°C) and GREEN outside this range. Specifically designed for monitoring cooking and holding temperatures, provides $\pm 2^{\circ}$ F accuracy as recommended by HACCP for food temperatures between 32°F and 150°F. Features a built-in stainless steel K-type thermocouple probe that folds into the side of the instrument when not in use. NIST traceable factory calibration. Selectable between F° and C°. White LED target illumination spot and LCD display. Waterproof meets or exceeds IP54.

Item No.		Qty Break	Your Cost
Warranty	One year		
Weight (with battery)	3.5oz (98.1gm)		
Dimensions	0.87 x 1.5 x 7.5 inches; 22 x 38 x	191 mm	
Automatic power OFF	after 1 minute		
Batteries	2 AAA (included) 180 hours		
Response Time (90%)	1 second		
Measure modes	Maximum, Minimum, Difference for continuous temperature sca IR or probe)		
Ambient Operating Range	32° to 122°F; 0°C to 50°C		
Emissivity	(preset to 0.95) adjustable from steps	0.10 to 1.0	0 in 0.01
D:S ratio	2.5:1 (distance-spot ratio)		
	$\pm 1.5\%$ of reading from 65°C to 250°C)		
	from -33° to 0°C;	ever is gr	ealei
Accuracy	±1.8°F from 32° to 150°F; ±1°C from 0 to 65°C (±1°C +0.1°C per degree	±1% of re 1.4°F (0.8 ever is gr	°C) which-
Resolution (-9.9 – 199.9°C)	0.2°F; 0.1°C	0.9°F; 0.5°	°C
Temperature Range	-67° to 572°F; -55° to 250°C	-67°F to 6 to 330°C	26°F; -55°
	Infrared	Thermo	couple

Item No.		Break	Your Cost
3572-20		1-2	127.18
		3+	104.06
3572-22	With NIST traceable	1	216.70
	certificate of accuracy	2+	189.60

Weber Scientific Digital Pasteurization Thermometer

PMO Compliant

This ultra-high precision thermometer has been especially configured to meet the specifications as detailed in the current Grade "A" Pasteurized Milk Ordinance (PMO), Appendix 1.2, Pasteurization Equipment and Controls, Digital Test Thermometers. It has been calibrated at four critical temperatures and is furnished with a certificate of calibration proving traceability to the National Institute of Standards and Technology (NIST). Displays the minimum, maximum, and average temperature values, and has a temperature hold function.



To meet exacting PMO specifications this thermometer has some key features:

- The self-diagnostic circuitry identifies that the correct probe is attached and without a correct connection the display alerts the operator that no temperature will be displayed.
- · Calibration is protected from unauthorized changes.
- System accuracy of $\pm 0.03^\circ$ C or F (significantly exceeding the $\pm 0.05^\circ$ PMO requirement)
- · Documented for Electromagnetic Compatibility
- Thermometer and probe are serialized to document compatibility

The thermometer is available in either Celsius or Fahrenheit.

	Celsius	Fahrenheit
Range	-200 to 500°	-328 to 932°
Calibration points	0, 63, 72, 83, 89°C	32, 145, 161.6, 180, 191° F
Accuracy	±0.03°	±0.03°
Resolution	0.01°	0.01°
Power	9V	(included)
Display	2	2-line LCD
Dimensions	8 X 3 1/2 X 1 1	/2" (203 X 89 X 38 mm)

ltem No.	Description	Probe Length inch/mm	Your Cost
3520-65	PMO Thermometer, C°	6 / 152	1,118.10
3520-65F	PMO Thermometer, F°	6/152	1,355.24
3520-67	PMO Thermometer, C°	12 / 305	1,424.82
3520-67F	PMO Thermometer, F°	12 / 305	1,311.09
3520-77	6" Replacement Probe*	6/152	316.10
3520-79	12" Replacement Probe*	12 / 305	333.67
3520-85	Power supply		48.87
3520-88	Water resistant protective cover		76.73
3520-90	Protective hard plastic case with foan thermometer and probe	n inserts for	135.67
3520-92	Service Kit includes Windows Software, USB Cable & Adaptor, 9V battery, battery charger, AC adaptor, protective case (only available to Regulatory end-users)		521.77

* Specify F or C. Only available for direct shipment to Regulatory end-users. If you are not a Regulatory end-user and wish to order this item, please call our customer service department at 800-328-8378.



Thermometers

HACCP Wall Thermometers with Humidity Scale (Cooper-Atkins)

Large 12" unit for easy viewing from approximately 30 feet. HACCP reference safety zoned color-coded dial (except for the standard indoor-outdoor thermometer).



	3540-29 Cooler - Freezer	3540-34 Dry Storage - Prep Area	3540-39 Indoor/Outdoor
Temp. Range	-10 to 80° F	10 to 80° F	-40 to 120° F, -40 to 50° C
Humidity Range	0 to 100%	0 to 100%	0 to 100%
Danger Zone	41 to 80° F	10 to 41° F, 70 to 80° F	

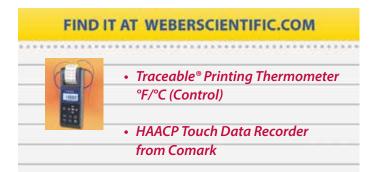
ltem No.	Mfr. Item No.	Description	Qty Break	Your Cost
3540-29	10-212-159-8	Cooler - Freezer	1-2	51.05
			3+	47.87
3540-34	10-212-158-8	Dry Storage -	1-2	53.59
		Prep Area	3+	50.26
3540-39	10-212-150-8	Indoor-Outdoor	1-2	47.90
			3+	47.90



Floating Dairy Thermometer (Thermco)

Shot weighted, spirit filled with protective plastic covering sealed over glass. Special marks for freezing, churning, cheese, pasteurizing and boiling. 12" long. Scale: 20-220°F. Subdivision: 2°

Your
Cost
26.28





Tanker and Production ThermometersDesigned for the dairy and brewing industries



Durable & highly accurate thermometer specifically designed for specific applications

- Testing the temperature of milk in incoming tankers
- Testing the temperature during dairy or brewing production procedures

Milk Tanker: -20 to 60°C & 0 to 140°F range with 0.5°C/1.0°F graduations

Dairy Production: -20 to $104^\circ C \ \& \ 0$ to $220^\circ F$ range with $0.5^\circ C/1.0^\circ F$ graduations

Beer Production: -18 to 82°C & 0 to 180°F range with 1°C/2°F graduations

Rugged stainless steel construction with 36" stem for long reach Easy-to-read 3" back-mounted dial with unbreakable, high clarity, polycarbonate safety lens

0.5°C/1.0°F accuracy

Precise reset calibration adjustment

Water-resistant

Stores securely in PVC sheath for protection during transit/storage Dual scale display

Certified thermometers come with a "Report of Calibration" (NIST) referencing a serial number and are calibrated at $45^{\circ}F \pm 1^{\circ}$ unless specified otherwise by customer.

ltem No.	Description	Qty Break	Your Cost
3028-56	Milk Tanker Thermometer	1	280.50
		2+	249.32
3518-10	Dairy Production Thermometer	1	260.08
		2+	260.08
3518-00	Beer Production Thermometer	1	257.43
		2+	228.81
3028-58	Milk Tanker Thermometer, Certified	1	369.62
		2+	328.53
3518-12	Dairy Production Thermometer, Certified	1	371.42
		2+	330.15
3518-01	Beer Production Thermometer, Certified		206.91



Long Stem Dial Thermometers see page 174.

Traceable® Extra-Extra Long-Probe Waterproof Thermometer

(Traceable)

20 inches created for deep vessels

- Waterproof (IP67) to a depth of 10 feet meter/probe/cable.
- Jumbo LCD can be read at 70 feet.
- Accurate readings with tip pen etration of only 1 inch.
- Stainless-steel spring-powered holder for ease in placing probe anywhere.
- Wall mount provides instant viewing, indoor/outdoor use.
- To assure accuracy an individually serial-numbered Traceable® Certificate is provided from our ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by NIST (National Institute of Standards and Technology).

Specifications

Range:	14.0 to 230.0°F (-10.0 to 110.0°C).
Resolution:	0.1°.
Accuracy:	±1°C.
Probe:	waterproof, stainless-steel, 20 inches length x 0.2 inches diameter.
Probe handle:	waterproof, chemical-resistant, length 2½ inches.
Cable length:	Waterproof 10 feet.
Probe holder:	stainless-steel, spring-loaded clamp, rugged construction.
Size:	4¾ x 31/3 x 1¼-inch.
Weight:	7 ounces.
Supplied:	stainless-steel probe, spring-loaded holder, wall mount, batteries, Traceable® Certificate.

Item No.	Mfr Item No.	Your Cost
3517-70	6406	192.21

Super Long Temperature Probe

Type-K thermocouple probe has an extra long 36" stainless steel stem attached to a 3' cable (0.9 meter).

Long reach allows simple immersion into tankers and other bulk tanks. Use with a type-K thermometer (not included). We recommend a water resistant thermometer with an accuracy of $\pm 1^{\circ}$ F/0.5°C. See the digital thermometer section for a complete selection.

Item	Your
No.	Cost
3029-90	280.34



Mini Temp Infrared Th (Digi-Sense)	ermor	neter	
Fits right in y	our poc	ket	
hold function, se minimum/maxir adjustable emis:	electable mum mer sivity, wri rying case	nory readings, st strap, flip-open e and soft touch keypad.	
Temp range	F	-27 to 428°F	
	C	-33 to 220°C	
Resolution	F	0.1°F	
Resolution	F C	0.1°F 0.1℃	
Resolution Accuracy	F C F		
	Ċ	0.1°C	
	Ċ	0.1°C ±2% of reading or 3.6°F	0.9

Emissivity	Adjustable from 0.1 to 1 factory default is 0.95
Response time	less than one second for 95% of reading
Distance to target size ratio	1:1
Battery type	Includes one CR2032 lithium ion battery; replacement 3039-51
Low battery indicator	yes
Size	1 1/2"W x 2 1/2"H x 1/2"D
Display	1/2"H LCD
Battery life	40 continuous hours
Warranty	One year

Item No.	Qty Break	Your Cost
3571-60	1-9	54.33
	10+	49.23

Traceable[®] Mini-Infrared Thermometer with Pocket Clip (Traceable)

An individually serial-numbered Traceable® Certificate is provided indicating traceability to standards provided by NIST (National Institute of Standards and Technology). Hold feature freezes the display at the current reading. Complete with handy pocket clip, key-chain and lanyard. One year warranty.



Temp. Range	–27 to 428°F / –33 to 220°C
Field of View	D:S=1:1
Accuracy	±1°C+2%
Display Resolution	0.1°
Emissivity	0.95 (fixed)
Size	3 1/4" x 3/4" (83mm x 19mm)
Weight	3/4 oz. (21 grams)
Battery type	Includes one SR44 silver oxide button cell battery;
	Replacement #3571-57

ltem	Mfr.	Your
No.	Item No.	Cost
3571-55	4480	56.01



INFRARED THERMOMETERS

Digital Thermometers







Food Inspector Infrared Thermometer 🚿

Specifically designed for monitoring cooking and holding temperatures

- Bright, built-in DUAL Laser
- Laser sighting on or off •
- Backlight on or off
- Accuracy as recommended by HACCP for food temperatures between 32°F and 150°F
 - NIST traceable factory calibration
- Selectable between F° and C°
- Auto power off
- Soft carrying case .
- One year warranty

Infrared Range	-40° to 536°F; -40° to 280°C
Resolution	0.1° F or C
Accuracy	+/- 1° C (1.5° F) of reading from 32 to 150° F with 1/10th degree resolution
	Below 32° F : +/- 1° C (+/- 2° F) +/- 0.1 degree F
	and above 150° F: +/- 1.5% of reading conforming to HACCP accuracy
D:S ratio	16:1 (distance-spot ratio)
Response Time	500 milliseconds
Emissivity	preset for food service applications
Batteries	1 x 9V (included) for 14 hours of continuous use; low battery icon

Item No.	Description	Qty Break	Your Cost
3572-30	Infrared Thermometer	1-2	76.53
		3+	66.96
3572-32	With NIST traceable	1	168.76
	certificate of accuracy	2+	147.66

Dual Laser Infrared Thermometer 🚿

- ٠ Measures maximum temperature during scan
- Amber back-light LCD •

Infrared Range	-76° to 932°F; -60° to 500°C
Resolution	0.1° F or C
Accuracy	±2% of reading
D:S ratio	12:1 (distance-spot ratio)
Response Time (90%)	1 second
Emissivity	preset at 0.95
Batteries	2 AAA (included); 180 hours continuous use
Automatic power OFF	after 1 minute

Item No.	Description	Qty Break	Your Cost
3572-24	Dual laser infrared thermometer	1-2	80.03
		3+	70.03
3572-25	With NIST traceable certificate of accuracy	1-2	192.68
		3+	168.59

Infrared Thermometer (Sper Scientific)

Backlit LCD screen for easy reading. Has auto power off and an 8:1 distance to spot ratio (D:S). Rugged and ergonomically designed. 9V battery included.

Infrared Range	-4 to 605°F; -20 to 320	0°C		
Resolution	0.5°			and a second sec
Accuracy	±2% of reading or ±2	°C whichever is		34
	greater		1	
Spectral Response	6 to 14µm			Laure and
Size	6 1/8″ x 3 2/5″ x 1 1/4	" (156 x 87 x 32 mm)		Find more infra
Weight	6 oz (170 g), 9V batte	ry (included)		41
Warranty	Five years			thermometers
				weberscientific
Item No. D	escription	Your Cost		weberscientint
3570-85 In	nfrared thermometer	59.58		



🖄 SHIPS ON ICE

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Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details.

Temperature Probes (Cooper-Atkins)

All have K thermocouples (recommended for food processing/ food service)

Standard Needle Probes

Measure insertion and immersion temperatures for food products, liquids and more.



Dura Needle Probe

Maximum temperature (tip) 500°F. Coiled retractable cable. Shaft length is 6"/152 mm. Response time is 1 second for liquids.

ltem No.	Mfr. Item No.	Qty Break	Your Cost
3000-65	50336-K	1-2	87.99
		3+	82.12



Standard Needle Probe

Maximum temperature (tip) 500°F. Coiled retractable cable. Shaft length is 4.5"/114 mm. Response time is 4 seconds for liquids.

ltem No.	Mfr. Item No.	Qty Break	Your Cost
3029-53	50335-K	1-2	76.82
		3+	71.70



Economy Probes

Economy Needle Probe

For most insertion immersion measurements. Maximum temperature (tip) 400°F. Shaft length is 4"/102 mm. Response time is 4 seconds for liquids.

ltem No.	Mfr. Item No.	Qty Break	Your Cost
3000-76	31901-K	1-2	55.63
		3+	51.90



Economy Hand-Held Air Probe

For ambient air temperatures: coolers, ovens, and freezers. Maximum temperature (tip) 400°F. Shaft length is 4"/102 mm. Response time is 9 seconds in 5m/sec. air.

ltem No.	Mfr. Item No.	Qty Break	Your Cost
3000-79	31903-K	1-2	65.61
		3+	61.22

Small Needle Immersion Probes

Small diameter probes are ideal for small products and semisolid products or frozen materials.



Micro Needle – Rounded Tip

Maximum Temperature (tip) 500°F. Coiled retractable cable Small diameter probe. Shaft length is 3.5″/89 mm. Response time is 9 seconds in liquids.

ltem No.	Mfr. Item No.	Qty Break	Your Cost
3000-82	50209-K	1-2	103.53
		3+	96.62

- **11**

Micro Needle – Chisel Tip (also known as the McDonald's[®] probe)

Fast response for hamburgers or small products. Maximum temperature (tip) 500°F. Small diameter probe with a shaft length of 3.75"/95mm. Response time is 1 second in liquids.



Frozen Product Probe

Heavy duty probe with large stainless steel handle and flexible armored cable. Maximum temperature (tip) 400°F. Shaft length is 4.25″/108 mm. Response time is 4 seconds in liquids.

ltem No.	Mfr. Item No.	Qty Break	Your Cost
3029-54	50101-K	1-2	209.53
		3+	195.58

Miscellaneous Probe Designs



Bare Tip Probe

Suitable for most any insertion or immersion measurement. Can be embedded in products for freezing and heating studies. Maximum temperature (tip) 400°F. Flexible cable with Teflon® jacket. Response time is 1 second for liquids and 7 sec. 5m/sec. air. 36" cable.

ltem No.	Mfr. Item No.	Qty Break	Your Cost
3000-55	39138-K	1-2	38.01
		3+	35.47
		3+	35.



Combo Probe

Measure meat combos, large cooking kettles and vats. Flexible cable with Viton® jacket. Type K only. Maximum temperature (tip) 500°F. Shaft length is 35"/889 mm. Response time is 2 seconds for liquid.

ltem No.	Mfr. Item No.	Qty Break	Your Cost
3029-57	50701-K	1-2	215.81
		3+	201.41



Standard Stainless Steel Probe

Maximum temperature (tip) 500°F. Shaft length is 7.5″/190 mm. Response time is 1 second for liquid or 6 seconds for oiled surface.

ltem No.	Mfr. Item No.	Qty Break	Your Cost
3000-60	50405-K	1-2	69.79
		3+	65.15

These recorders couldn't be easier to operate, and are an affordable way to ensure safe temperatures in transit.

Ryan CR-1 Strip Chart Recorder (Sensitech)

Low-cost, single-use strip chart recorder is rugged enough to meet the demands of in-transit distribution of perishable products. It is self-contained and shipped ready for use.

Temperature Range	-20°F to +100°F (-29°C to +38°C)
Operating Accuracy	±2.0°F (±1.1°C) full scale
Chart Resolution	10 day = 2.50 inches per day
	20 day = 2.50 inches per day
	40 day = 0.73 inches per day
	75 day = 0.73 inches per day
Power/Shelf life	1.5-volt AA battery
	One year from date of purchase
Calibration	NIST Traceable
Tamper-Proof	Pre-sealed at the factory
Security Seal	
Notice of shipment	Three-part water resistant notice attached to CR-1
Enclosure	ABS plastic
Weight/Dimensions	10.5 ounces (297.7 grams)
	6.50" L x 2.56" H " x 3.50" W
	(165 mm x 65 mm x 89 mm)



ltem No.	Time Range	Qty	Qty Break	Your Cost
3510-39	10 day	each	1-39 multiples of 40	19.75 13.17
3510-46	40 day	each	multiples of 80 1-39	<u>11.88</u> 19.75
			multiples of 40 multiples of 80	13.17 11.88

In-Transit Temperature Recorder (DeltaTRAK)

Monitor Up to 90 Days

The In-Transit Temperature Recorder is a highly reliable strip chart time and temperature recording instrument used to record environmental conditions encountered during storage and transportation of temperature sensitive commodities in refrigerated trucks, rail cars, ocean, and air freight containers. A view port allows the operator to visually confirm activation after the startup tab has been pulled. They are specially engineered with a light and durable vented case and generate a permanent record of transit conditions on a 36" (91cm) strip chart. These records serve as corroborating evidence for insurance claims, quality assurance documentation and protection of your valuable products. Models are available from 5-day to 90-day transit periods for temperatures of -20°F to 100°F (-29°C to 38°C). Each unit is marked with a serial number for traceability.

Temperature range	-20°F to 100°F (-29°C to 38°C)
Accuracy	±2.0°F (±1°C) or better
Sensor	Bi-metal coil
Chart	Pressure sensitive, total length 36" (91.4cm), dual scale °F or °C
Drive	Solid state quartz motor
Time keeping accuracy/clock motor	Average ± 20 seconds a month
Battery	AA Zinc Chloride
Shelf life	3 years
Size	5.5" (L) x 4" (W) x 2.5" (H)
	13.5cm (L) x 10cm (W) x 6.3 cm (H)
Weight	8.6 oz (244g)
Case lot size/weight	20 recorders per case /12 lbs (5.4kg)
Certifications/calibration	CE mark by TUV, traceable to NIST



ltem No.	Time Range	Qty Break	Your Cost
3510-05	5 day	1-19 multiples of 20	16.89 11.25
3510-10	10 day	1-19 multiples of 20	16.89 11.25
3510-20	20 day		17.14
3510-21	30 day	1-19 multiples of 20	16.89 11.25
3510-22	60 day	1-19 multiples of 20	16.89 11.25

ACCESSORIES: FOR PROBE WIPES



Alcohol Wipes see page 172. Bleach Wipes see page 134. FlashLink® USB PDF Reusable Data Logger with or without Probe (DeltaTRAK)



- Choose from three configurations
 - internal ambient sensor
 - internal ambient sensor plus sharp probe
 - internal ambient sensor plus blunt probe
- Trip history statistics available on display or through free software
- Data can be transferred to a PC and analyzed using optional DeltaTrak FlashLink® Program Manager Software available for purchase (Item# 3550-68 below).

Measurement Range	-40°F to 185°F (-40°C to 85°C)
Temperature Resolution	0.1°F/°C
Accuracy	±1.0°F from 14°F to 77°F (±0.5°C from -10°C
	to 25°C);
	±2.0°F above 77°F (±1.0°C above 25°C);
	±2.0°F below 14°F (±1.0°C below -10°C)
Data Capacity	32,496 points
Data Download Time	5 seconds typical for 32,496 points
Programmable Alarm Levels	High & Low levels over entire range,
	displayed on LCD
Battery	Two AAA Lithium batteries
Dimensions/Body	1.575" x 3.66" x 0.94" (40mm x 93mm x
	24mm)
Casing	ABS plastic
Weight	2.56 oz. (72.57 grams)
Shock Resistance	Withstands 3-foot (1 meter) drop to hard surface
Certification	CE Mark, NIST traceable, RoHS Compliant
Display	LCD, Red LED Alarm
Waterproof Rating	IP64 with silicon cap on
Storage conditions	-4°F to 122°F (-20°C to 50°C) 0% to 95% RH
	w/o condensation
Min. System Requirements	Windows PC with current operating system Adobe Reader
Download Requirements	Direct USB connection to PC

ltem No.	Mfr Item No.	Description	Qty Break	Your Cost
3550-65	20908	Single internal sensor	1-9	61.82
			10+	55.65
3550-66	40515	Single internal sensor plus sharp	1-9	103.39
		external probe. With 1 meter cable	10+	93.06
3550-67	20903	Single internal sensor plus blunt	1-9	85.44
		external probe . With 1 meter cable	10+	85.44
3550-68	21027	FlashLink [®] Program Manager Software		57.04



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TraceableLIVE® WiFi Datalogging Ambient Hygrometer/Thermometer (Traceable)

The simple, efficient, and reliable way to stay connected to your critical environments

With TraceableLIVE®, you're always connected to your lab with your smartphone, tablet, or personal computer. By simply using the TraceableLIVE® app, or visiting Traceablelive.com on any browser, you're able to view your current environmental conditions, control your alarm parameters, view your datalogging history, view and run reports, gives other team members access, and so much more with any of your devices, to ALL your TraceableLIVE® equipment, at any time through TraceableLIVE®.

Features

- Monitor remotely humidity and temperature—connect to existing WiFi
- Alerts: humidity alarm, connectivity interruption, low battery
- Cloud-based data interface—no local software required; web, Android, Apple IOS data visibility
- Continuous data transmission and monitoring using SSL encrypted SECURE connection
- Receive MOBILE PUSH / E-MAIL / TEXT notifications
- Unlimited scalability—use TraceableLIVE[®] in individual labs or an entire network of facilities
- Multiple point temperature calibration—traceable to NIST

Requires TraceableLIVE® Subscription

Subscriptions for one TraceableLIVE[®] device begin at just \$8.99 a month, and the price drops even further when you add 10 or more devices. For even more savings, be sure to choose annual subscriptions.

.00 to 55.00°C (32.00 to 131.00°F)
.01°
0.4°C
0 to 100%RH
3% RH (20 to 80% RH), ±5% RH otherwise
.1
mbient Sensor
Your Cost
343.46

Thermometers





VEBER SCIENTIFIC

Humidity and Temperature USB Datalogger (Extech)

Monitor humidity and temperature levels in a warehouse or storage room. Each parameter records up to 16,000 readings. Comes complete with battery, protective USB cap, mounting bracket, and Windows® compatible analysis software for monitoring dew point.

Item No.	3513-02	3513-05		
Mfr. Item No.	RHT10	TH10		
Description	Humidity and Temperature USB	Temperature only USB		
	Datalogger	Datalogger		
Humidity Range	0 to 100%RH	N/A		
Humidity Accuracy	0.1%RH	N/A		
Humidity Resolution	±3%RH	N/A		
Memory	16,000 per parameter	32,000 points		
	(humidity/temperature)			
Datalogging Interval	logging Interval 2 seconds to 24 hours			
Temperature Range	-40 to 158°F (-40 to 70°C)			
Temperature Accuracy	±1.0°F (-4 to 122°F	⁻) ±0.5°C (-20 to 50°C)		
(%rdg+digits)	±1.8°F (all other range	s) ±1.0°C (all other ranges)		
Temperature Resolution	0.	1°F/°C		
Alarm	User-programmable alarm thi	resholds for RH and Temperature;		
	Status indication via Rec	I/Yellow LED and Green LED		
Battery	One Lithium Battery LS 14250 - 1	/2AA - 3.6V (included); replacement		
	30	39-52		
Dimensions	5.1 x 1.1 x 0.9"	(130 x 30 x 25mm)		
Weight	10:	z (20g)		
Warranty	On	e year		

ltem No.	Description	Your Cost
3513-02	Humidity and Temperature USB Datalogger	150.12
3513-05	Temperature only USB Datalogger	111.27



ltem No.	Description	Your Cost
3512-40	HiTemp 135°C Temperature Data Logger	521.34
3512-48	HiTemp 135°C Temperature Data Logger With NIST Certification	638.15
3512-41	Software & cable (required)	169.34
3512-43	Replacement battery	79.52

THERMOMETERS

HiTemp 135°C Extended Range **Temperature Data Logger** (Thermco)

Suitable for autoclave use

The HiTemp 135°C Temperature Data Logger is a rugged, submersible, reusable, battery powered stand-alone device which can be used to automatically record temperatures between -40 and 135°C. The small size allows it to fit almost anywhere. This portable, easy-to-use device is able to measure and record up to 32,767 temperature measurements. The unit can be used for autoclave verification, to implement HACCP programs, in food preparation and processing, environmental studies and in hostile environment monitoring. It features a 2" rigid external probe with fast response time to ensure accurate temperature readings and is ideal for use in harsh environments. The real-time clock ensures that all the data is time and date stamped. The storage medium is non-volatile solid state memory, providing maximum data security even if the battery becomes discharged. The device has a programmable start time or it can be started and stopped directly from your computer. The HiTemp 135°C makes data retrieval quick and easy. Simply plug the device into an empty COM or USB port and the required user-friendly software does the rest. NIST traceable.

Temperature range:	-40 to +135°C
Temperature resolution:	0.05°C
Calibrated accuracy:	±0.5°C
Battery type:	3.9V high-temperature lithium battery included
Time accuracy:	±1 minute/month at 20°C (RS232 cable not in use)
Computer interface:	PC serial or USB (interface cable required); 2400 baud
Dimensions (body)	1.1″ x 1.75″ dia. (50mm x 5 mm dia.)
Dimensions (probe)	2.0″ x 3/16″ dia. (50 mm x 5 mm dia.)
Weight	8 oz.
Warranty:	One year limited
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Data Loggers

TempTrace[™] Temperature Chart Recorder With Digital Display (Dickson)

Now F/C and 24 hour / 7 day switchable!

These units are self-contained temperature recorders. Designed for use in applications where recording long-term temperature trends is most important. Easy to read 4" diameter chart for 24 hour or 7 day recording times documents critical temperatures. Includes "AA" battery. Other features include keyhole slots on back for wall mounting, hinged doors and battery covers.

Dimensions:	5.2" (132mm) X 5.2" (132mm) X 2.4" (61mm).
Range:	-22 to 122°F or –30 to 50°C
Recorder Accuracy:	±2% full scale
Display Accuracy:	±3.6°F
Avg. Recorder Response Time:.	11 minutes to move 63% of full scale
Warranty	One year



ltem No.	Mfr. Item No.	Recording Time	Your Cost	Recording Time for Charts	°F Chart Item No. (pk/60)	Your Cost	°C Chart Item No. (pk/60)	Your Cost
3510-51	SL4350	7 day/24 hour	335.32	24 hour 7 day	3510-71 3510-72	63.46 63.46	3510-76 3510-77	63.46 64.91
3510-53	SL4350 w/N300	7 day/24 hour with 3-point NIST Traceable calibration	473.40	24 hour 7 day				

Optional Accessories for TempTrace Recorder:

ltem No.	Description	Qty	Your Cost
3510-64	Red Pens	6	70.69

Super Compact Temperature Recorder (Dickson)

Reusable recorder offers a very low per use cost. Compact case is rugged enough to withstand the rigors of transportation yet versatile for many other applications: special ranges for refrigerators, freezers, incubators and ambient conditions.

Features include 3" chart size; easy user calibration; dual °C or °F range capability (depending upon chart installed); built-in slots for optional tie-down cable. Includes one "AA" battery and pen.

Dimensions:	3.7" (93mm) X 3.7" (93mm) X 2.2" (57mm)
Weight:	1/2 lb. (227g)
Temperature Sensor:	spiral wound, bimetallic strip transducer
Recorder Accuracy:	±2°F (±1°C) over full scale
Recording Time:	7 day and 24 hour switch able
Average Response Time:	11 minutes to move 63% of full scale
Warranty	One year



	Mfr.			Your	Recording Time for	°F Chart Item No.	Your	°C Chart Item No.	Your
Item No.	Item No.	°F Range	°C Range	Cost	Charts	(pk/60)	Cost	(pk/60)	Cost
3511-08	SC367	-14 to 32°	-25 to 0°	341.26	24 hour	3511-07	66.16	3511-09	66.16
					7 day	3511-13	66.16	3511-15	66.16
3511-22	SC377	4 to 50°	-15 to 10°	341.26	24 hour	3511-19	66.16		
					7 day	3511-25	64.91	3511-27	66.16
3511-46	SC397	76 to 122°	25 to 50°	300.30	24 hour	3511-31	66.16	3511-33	66.16
					7 day	3511-37	66.16	3511-39	66.16
					24 hour	3511-43	66.16	3511-45	66.16
					7 day	3511-49	66.16	3511-51	66.16



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Traceable[®] Hi-Accuracy Refrigerator Thermometer (Traceable)

BER SCIENTIFIC

Records time and date for MIN/ MAX readings and hi/lo alarm alerts

To assure accuracy an individually serial-numbered Traceable[®] Certificate is provided from our ISO 17025 calibra-

tion laboratory accredited by A2LA. It indicates traceability to standards provided by NIST (National Institute of Standards and Technology).

- Displays exact time/date when minimum and maximum reading occurred and time/date when alarm triggered
- Two channel alarm is programmable in 0.1° increments and sounds when temperature rises above/falls below set points
- Visual and audible alarms signal continuously even if temperature returns to non-alarm range
- Refrigerator/freezer door seals tightly on 10 ft micro-thin cable
- Sealed GRAS bottle mimics samples and eliminates rapid temperature changes when refrigerator door is opened
- May also be used in water baths, heating blocks, and incubators



3513-40

3513-45

Traceable[®] Monitoring Thermometer (Traceable)

Accuracy to $\pm 1.8^{\circ}$ F or $\pm 1.0^{\circ}$ C with alarm

Designed for monitoring liquids, air, gas, or semisolids in water baths, refrigerators, freezers, incubators, and tanks. User may select °F or °C. Features minimum and maximum memory and alarm. Triple display simultaneously shows current, high and low temperatures. Minimum and maximum memory feature permits monitoring conditions overnight, weekends, or any time period. Unit reads ambient temperature or probe temperature. Range is from -58.0 to 158.0°F and -50.0 to 70.0°C. Resolution is to 1° and accuracy is \pm 1°. To assure accuracy an individually serial-numbered Traceable® Certificate is provided from

an ISO17025 calibration laboratory accredited by A2LA. It indicates traceablility to standards provided by NIST (National Institute of Standards and Technology).

High and low temperature alarm may be set in 1° increments. The alarm sounds when the temperature rises above or falls below the set points. Alarm continues to sound for up to 12 hours, even if temperature returns to the setpoint range. The unit is supplied with a flip-open stand for the lab bench, a slot for wall mounting. Easy-view, 1/2" LCD display may be read from 10 feet. A wire-mounting bracket permits easy probe placement. Sensor and 10-foot cable perform accurately even when both are under water. Sensor measures 3/16" wide, 7/8" long.

Temperatu	ire range	–50 to 70°C and –58 to 158°F			
Resolution		0.01°			
Accuracy		±0.30°C			
Case size		2¾ x 4¼ x ¾ inches (70 x 108 x 19 mm)			
Weight		5 ounces			
	Mfr Item				
	will item				
Item No.	No.	Description	Your Cost		
Item No. 3513-30		Description 1 bottle probe	Your Cost 126.09		
	No.				

The monitoring thermometer includes Velcro[®] to attach to any surface. The probe with the refrigerator-freezer thermometer is sealed in a miniature bottle filled with a nontoxic glycol solution, which provides accurate readings when doors are opened. Velcro[®] and magnetic strips are provided for mounting of both thermometer and bottle sensor. Supplied with an AA alkaline battery for continuous, 1-year, "always on" monitoring and a Traceable[®] Certificate. Case is high-impact, chemical-resistant ABS plastic. Unit measures 2 $3/4 \times 4 1/4 \times 3/4$ inches and weighs 4 ounces.

Specifications

•	
Range:	–58.00 to 158.00°F (–50.00 to 70.00°C) User may select °F or °C.
Resolution:	1.0°
Accuracy:	±1.0°C
Size:	3/16″ wide x 7/8″ long
Sensor:	3/16″ wide, 7/8″ long
Weight:	4 ounces
Case:	high-impact, chemical-resistant ABS plastic
Supplied:	Velcro® and magnetic strips to attach to any surface, AA alkaline battery for continuous, 1-year, "always on" monitoring and a Traceable® Certificate
Warranty:	1 year

ltem No.	Mfr Item No.	Description	Your Cost
3513-40	4048	Monitoring thermometer supplied with submersible probe and 10-foot cable.	66.54
3513-45	4127	Refrigerator-Freezer thermometer supplied with probe in a sealed bottle and 10-foot cable.	74.15
3513-49	4227	High-Resolution, High-Accuracy Refrigerator/Freezer Thermometer (Identical to 3513-45 but with a range of –40.0 to 122.0°F (–40.0 to 50.0°C) a resolution of 0.1°, an accuracy of ±0.5°C.)	82.43

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Monitoring Thermometers



Traceable[®] Excursion-Trac[™] Data-logging Thermometers (Traceable)

Rolling memory structure, maintains most recent 525,600 temperature observations

- No software is needed for computer interface
- Datalogging thermometer with user-defined time intervals
- Stores up to 10 unique alarm events
- Meets current CDC requirements for vaccine storage and monitoring
- Memory can be cleared on unit after downloading data to USB stick
 Hassle-free retrieval of data unit can remain in use while
- downloading and analyzing data
- Status indicators Low battery, memory full, USB data transfer and active alarm state
- Traceable to NIST for accuracy

High-accuracy thermometer has a temperature range of -58 to 158° F (-50 to 70° C) and resolution of 0.01 and maintains an accuracy of ± 0.25 C across the entire temperature range. Ideal for monitoring temperatures in refrigerators, freezers, water baths, heating blocks, and incubators.

High-impact, chemical-resistant ABS plastic case is: $2-3/4 \times 4-1/4 \times 3/4$ inches. Weight is 5 ounces. Supplied: Stand, Velcro[®], magnetic strips, wall mount, Traceable Certificate, and batteries.

Item No.	Mfr Item No.	Probe	Your Cost
3513-06	6430	Excursion-Trac™ Therm, 1 bottle	183.95
3513-07	6431	Excursion-Trac™ Therm, 2 bottle	185.39
3513-08	6432	Excursion-Trac™ Therm, 1 Bullet™	144.86
3513-09	6433	Excursion-Trac™ Therm, 2 Bullet™	157.71
3513-10	6434	Excursion-Trac™ Therm, 1 bottle and 1 Bullet™	162.86
3513-11	6435	Excursion-Trac™ Therm, 1 stainless-steel	164.57
3513-12	6436	Excursion-Trac™ Therm, 2 stainless-steel	176.57

Traceable[®] Jumbo Refrigerator-Freezer Thermometer (Traceable)

1-1/2-inch-high digits may be read from 30-feet

- Choose from submersible or sealed bottle probes:
 Bottle insulates sensor from rapid temperature
 - changes when refrigerator door is opened. Probe is sealed in a miniature bottle (1 x 2-1/2
 - inches) filled with nontoxic glycol – Sensor and 10-foot mini-cable perform
 - accurately even when both are under water and permits refrigerator doors to close on it
- Triple display simultaneously shows maximum, minimum, and current probe temperatures plus room temperature.
- MIN/MAX monitors high/low readings overnight, on weekends, or for any time period

-Signals out-of-range conditions.

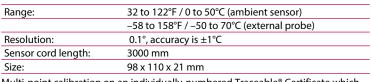
- –Alarm feature provides alert when temperature rises above or falls below a set point. Alarm is programmable in 1° increments.
- Traceable® Certificate indicates traceability to standards provided by NIST (National Institute of Standards and Technology).
- Unit is supplied with a flip-open stand for lab bench, slot for wall mounting, and Velcro[®] and magnetic strips to attach to any surface.
- High-impact, chemical-resistant ABS plastic case is 3-7/8 x 4-3/8 x 7/8 inches. Weight is 4 ounces.
- Supplied with one AAA alkaline battery.
- Range is –58 to 158°F and –50 to 70°C with a resolution of 0.1° and accuracy of \pm 1°C.
- One year warranty.

Item No.	Mfr Item No.	Description	Qty Break	Your Cost
3516-36	4548	bottle probe	1-3	79.18
			4+	74.74
3516-38	4148	probe with		73.95
		10' cable		

Traceable[®] Digital Jumbo Display Thermometer (Traceable)

Suitable for Freezers, Refrigerators, Incubators and Water Baths

- Dual display for in-outdoor temperature
- Bottle probe contains non-toxic glycol
- Dual outdoor temperature alarm settings
- Max/Min temperature memory
- °C / °F exchange
- Waterproof sensor



Multi-point calibration on an individually-numbered Traceable® Certificate which assures accuracy from our ISO/IEC 17025:2005 (1750.01) calibration laboratory accredited by A2LA. It indicates traceability of measurements to the SI units through NIST or other recognized national measurement institutes (NMI) that are signatories to the CIPM Mutual Recognition Agreement.

Item No.	Description	Your Cost
3513-81	Bottle probe	70.29

800-328-8378

MONITORING THERMOMETERS

ACCU-TEMPE[™] CERTIFIED THERMOMETERS... FOR INCUBATORS, REFRIGERATORS, FREEZERS AND OVENS (Thermco)



3517-20, 3056-88, 3056-72

BER SCIENTIFIC

A compact Teflon® safety coated thermometer is configured in a square, non-breakable plastic bottle filled with propylene or ethylene glycol ensuring accurate readings despite the opening and closing of instrument doors. As a new feature, the bottle has a double magnet attached to one side so it can be affixed to the walls or door of the instrument to reduce space or breakage problems. Yellow backing for easy reading.

Furnished with a "Certificate of Accuracy" showing traceability to NIST. A serial number is referenced on the certificate and is permanently engraved on the stem of the thermometer, so permanent records may be maintained to comply with regulatory agencies. All thermometers are designed for total immersion. Two fill configurations available: mercury and spirit.



tem No.	Description	Bottle Media	Range °C	Grad. °C	Length mm/in.	Qty Break	Your Cost
3056-88	Incubator	Bio Glycol	20 to 50	0.5	135/5.3	1-5	55.85
		,				6+	46.28
3056-90	Incubator	Bio Glycol	40 to 90	0.5	138/5.4	1-5	55.85
						6+	46.28
3517-45	Room/	Bio Glycol	15 to 30	0.1	180/7		43.33
	Incubator						
3517-50	Incubator	Bio Glycol	25 to 45	0.1	190/7.1	1-5	90.43
						6+	74.61
3056-91	Refrigerator	Bio Glycol	-5 to 15	0.5	125/5	1-5	55.85
						6+	46.28
3517-40	Refrigerator	Bio Glycol	-2 to 10	0.1	180/4.9	1-5	90.43
						6+	74.6 1
3056-94	Freezer	Bio Glycol	-30 to 0	0.5	115/4.5	1-5	55.85
						6+	46.28
3517-35	Freezer	Bio Glycol	-25 to -5	0.1	210/8.3	1-5	91.10
						6+	75.16
3056-96	Oven	Sand	24 to 130	1.0*	135/5.3	1-5	55.85
						6+	46.28
3517-55	Oven	Sand	95 to 115	0.1	200/7.9		56.46
3056-97	Ultra-High	Sand	35 to 200	1.0	180/7.1	1-5	70.23

58.19

6+

* 1° graduation meets with FDA 2400 approval for oven thermometers

SPIRIT-FILLED THERMOMETERS:

ltem No.	Description	Bottle Media	Range ℃	Grad. ℃	Length mm/in.	Qty Break	Your Cost
3056-72	Incubator	Bio Glycol	20 to 50	0.5	135/5.3	1-5	55.85
						6+	46.28
3517-25	Room/	Bio Glycol	15 to 30	0.1	180/7.1	1-5	90.22
	Incubator					6+	74.42
3517-30	Incubator	Bio Glycol	25 to 45	0.1	190/7.5	1-5	90.22
						6+	74.42
3056-75	Refrigerator	Bio Glycol	-5 to 15	0.5	125/4.9	1-5	55.85
	-	·				6+	46.28
3517-20	Refrigerator	Bio Glycol	-2 to 10	0.1	180/7.1	1-5	90.22
	5	•				6+	74.42
3056-78	Freezer	Bio Glycol	-30 to 0	0.5	115/4.5	1-5	55.85
		•				6+	46.28
3517-15	Freezer	Bio Glycol	-25 to –5	0.1	210/8.3	1-5	90.22
		,				6+	74.42
3517-32	Oven	Sand	50 to 115	0.5	245/9.6	1-5	73.49
						6+	60.64
3056-80	Ultra-Low	Sand	-90 to 20	1.0	145/5.7	1-5	55.85
						6+	46.28
3056-83	Oven	Sand	24 to 130	1.0	135/5.3	1-5	55.85
						6+	46.28
3056-84	Ultra-High	Sand	35 to 180	1.0	180/7.1	1-5	70.13
						6+	58.12

IMPORTANT NOTE:

DUE TO REGULATIONS WE CANNOT SHIP MERCURY THERMOMETERS OR ACCEPT ERCURY THERMOMETERS FOR RECALIBRATION FROM: CA, CT, IL, IN, ME, MD, MA, M MN, NH, RI, OR, WA & CANADA.

📉 WEBER EXCLUSIVE 🛛 🕅 FIRST CASE UPGRADE 🔶 HAZARDOUS MATERIALS 🔹 SHIPS ON ICE

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Monitoring Thermometers

All-In-One Digital Bottle Thermometers (Thermco)

For Freezers, Refrigerators, Incubators, Block Heaters and Rooms

The thermometer probe is housed in an unbreakable plastic 60 mL bottle filled with a choice of buffering agents. (The block heater-dry bath model uses a 1.5 mL micro-tube filled with 1 mL mineral oil).

- Records high/low readings
- NIST Compliant®
- Serialized certificate provided with critical temperature certified
- Stainless steel probe
- Bottles have double magnets for mounting
- C or F switchable
- Complete with certificate of compliance

Temperature range	–50 to 70.0°C / –94 to 158°F (3514-06 –50 to 150°C / -94 to 302°F)
Resolution	0.1°
Accuracy	±1.0°C. "Supra" model accuracy is ±0.4°C at tested points
Display size	3/4" X 3/8" / 19 mm X 9.5 mm

			Certified		Qty	Your
Item No.		Application	Temperature	Bottle Media	Break	Cost
3514-01		Freezers	-20.0°C	Bio Glycol	1-3	44.29
					4+	41.33
3514-02		Refrigerators	+4.0°C	Bio Glycol	1-3	44.29
					4+	41.33
3514-03		Ambient	+22.0°C	Bio Glycol	1-3	44.29
					4+	41.33
3514-04		Incubators	+37.0°C	Bio Glycol	1-3	44.29
					4+	41.33
3514-05		Dry Blocks	+37.0°C	Mineral Oil	1-3	44.29
					4+	41.33
3514-06		Dry Blocks	+95.0°C	Mineral Oil	1-3	44.29
					4+	41.33
3514-07	Supra	Freezers	-20.0°C	Bio Glycol	1-3	54.81
					4+	51.16
3514-08	Supra	Refrigerators	+4.0°C	Bio Glycol	1-3	54.81
					4+	51.16
3514-09	Supra	Ambient	+22.0°C	Bio Glycol	1-3	54.81
					4+	51.16
3514-10	Supra	Incubators	+37.0°C	Bio Glycol	1-3	54.81
					4+	51.16
3514-11	Supra	Dry Blocks	+37.0°C	Mineral Oil	1-3	54.81
					4+	51.16
3514-12		Freezers	-20.0°C	Sand	1-3	44.29
					4+	41.33
3514-13		Refrigerators	+4.0°C	Sand	1-3	54.81
					4+	51.16
3514-14		Ambient	+22.0°C	Sand	1-3	44.29
					4+	41.33
3514-15		Incubator	+37.0°C	Sand	1-3	44.29
					4+	41.33
3514-16	Supra	Freezers	-20.0°C	Sand	1-3	54.81
					4+	51.16
3514-17	Supra	Refrigerators	+4.0°C	Sand	1-3	54.81
		-			4+	51.16
3514-18	Supra	Ambient	+22.0°C	Sand	1-3	54.81
	-				4+	51.16
3514-19	Supra	Incubators	+37.0°C	Sand	1-3	54.81
					4+	51.16



Traceable[®] Digital-Bottle[™] Refrigerator/ Freezer Thermometer (Traceable 4426/4427)

Put this waterproof all-in-one anywhere

To assure accuracy an individually serial-numbered Traceable® Certificate is provided from our ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by NIST (National Institute of Standards and Technology).

- Entire unit is water-resistant
- Records high/low readings
- Shows high, low, and current temperatures
- MIN/MAX monitors high/low readings overnight, on weekends, or for any time period
- Probe is sealed in a miniature bottle filled with nontoxic glycol
- Supplied with double back tape and Velcro[®] (bottle may be removed from holder)

Temperature range	–20 to 50.0°C (–4 to 122°F)
Temperature range	-20 to 30.0 C (-4 to 122 F)
Resolution	0.1°
Accuracy	±0.5°C from 0°C to 50°C, otherwise ±1.0°C
Unit size	1 7/8 x 1 x 4 5/8 inches (holder is 2-1/4 x 2-1/4 x 1-1/8 inches
Weight	3-2/3 ounces.

ltem	Your
No.	Cost
3550-30	62.76



Traceable® Refrigerator Thermometer (Traceable 4157/4158)

Super economical solution to monitor refrigerator temperature

BER SCIENTIFIC

Inexpensive refrigerator thermometer switchable range is from 32 to 113°F and 0 to 45°C with a resolution of 0.1°. Accuracy is $\pm 1^{\circ}$ C in the range of 5 to 25°C and $\pm 1.5^{\circ}$ C outside range. Always-hold[™] secure suction cup on the back allows the unit to be located anywhere inside the refrigerator. Can be placed anywhere with supplied Velcro.

Display updates every 30 seconds. This allows capturing reading without any effect from an open refrigerator door. Wide range of the thermometer also makes it an ideal unit to monitor temperatures in storerooms, labs, offices, hoods, and cabinets

To ensure accuracy, an individually serialnumbered Traceable® Certificate is provided

from an ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by NIST (National Institute of Standards and Technology).

The see-through display is easy to view with an LCD digit height of 1/2 inch. Includes one LR54 Alkaline button cell battery; replacement 3039-53. Size is 1 x 2-1/2 x 3/8 inches. Weight is 1/2 ounce. One year warranty.

ltem No.	Description	Your Cost
3513-62	Econo Thermometer,	22.52
	accuracy ±1°C	



Freeze-Guide[®] Thermometer (Taylor 5925N)

NSF approved. Ideal for refrigerators and freezers -20 to 85°F. and -30 to 30°C. dual scale. Stainless steel clips provide hang or stand use. Shatterproof clear plastic lens protects the glass tube. Non-toxic fill. 47/8" X 1 1/4".

Item No.	Qty Break	Your Cost	Qty Break	Your Cost
3550-20	1-99	5.65	100+	3.71

70 0 50 0 30 0 10	T 150 100 111 101 80 111 101 80 111 101 80 111 101 80 111 101 80 111 101
10	20 10 20 20 10 20 40 10 10 50 50 50 50

Cold Room Thermometers (Taylor 1105/6)

Heavy duty design for storage room use. Easy to read in poor lighting. 1° divisions. 12" long.

Item No.	Temperature Range	Your Cost
3540-10	-40 to 70°F. / -40 to 20°C.	27.94
3540-20	-30 to 120°F. /-35 to 50°C	25.12

Utility Wall Thermometer (Taylor 5132N)

Economy model. White aluminum back with plastic end caps for secure mounting. -60 to 130°F. and -50 to 55°C. dual scale. 9 1/8" long.

3540-20 3550-10

em No.	Your Cost
550-10	6.72

TRACEABLE

FlashCheck[®] Min-Max **Alarm Digital Thermometer** (DeltaTRAK)

The FlashCheck® Min-Max Alarm Digital Thermometer is an economical and convenient quality assurance tool for continuous monitoring of temperature controlled environments or for spot checking specific areas. The stereo jack



gold plated sensor cable ensures accurate and reliable temperature readings. The min/max memory stores the lowest and highest readings for instant recall. Alarms are alerted with an audible and/or visual alarm. It features a fast-responding stainless steel probe with a 10 foot (3 meter) durable cable that detaches from the base unit for easy installation.

Applications: Freezers, refrigerators, display cases, storage and packing areas, water tanks and coolers.

3029-88	12217	41.63
Item No.	Mfr Item No.	Your Cost
Certification/Calibration	CE mark, NIST traceable, RoHS, WEEE	
Sensor cable	9.84ft x 0.08in Dia (3 meters x 2mm D	ia)
Battery (included)	AA Battery, user replaceable	
Display Reading Update	17 Seconds	
Resolution	0.1°F (0.1°C)	
Accuracy	±1.8°F (±1.0°C)	
Operating Range	14°F to 122°F (-10°C to 50°C)	
Measurement Range	-58°F to 158°F (-50°C to 70°C)	

Traceable® Digital Humidity/ **Temperature Meter** (Traceable 4096)

Continuously and simultaneously displays relative humidity and temperature in °F/°C with dual-recall memories. Minimum and maximum memories may be displayed or cleared at any time with the touch of a button. Monitor conditions overnight, on weekends, or for any time period.

Temperature range is 32 to 122°F and 0 to 50°C with a resolution of 1° and accuracy of \pm 1°C. Humidity range is from 25 to 95%, resolution is 1% RH, and accuracy is $\pm 2\%$ RH mid-range to $\pm 4\%$ RH

elsewhere. Fast-response solid-state sensors show changes in less than 30 seconds. Display is updated once per second. Extralarge, easy-to-view 0.6 inch-high digits can be read at a glance from as far away as 20 feet.

To assure accuracy an individually serial-numbered Traceable^{*} Certificate is provided from our ISO 17025 calibration laboratory accredited by A2LA. It indicates traceablility to standards provided by NIST. Self-contained, stable, and accurate unit requires no adjustment or maintenance. Case is chemical- and shock-resistant ABS plastic. Supplied with wall mount and bench stand, switch to read °F/°C, fast-response solid-state sensors, and two AAA batteries. Size is 2 5/8 x 3 7/8 x 5/8 inches. Weight is 2 1/2 oz. One year warranty.

Item No.	Your Cost
3515-35	82.47



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THERMO-HYGROMETER

192

Fahrenheit Pocket Thermometer (Taylor 9840)

Features: 4¾" stainless steel stem; on/off switch; one second update; sheath with clip that doubles as a holder. Includes one LR44-A76 lithium ion battery and one spare; replacement 3029-60. One year warranty.



Range:-58° to 302°F range in 0.1° resolutionAccuracy:±1.8° from 14° to 212°F; ±3.6°F outside this range

Item No.	Qty Break	Your Cost
3028-31	1-4	14.62
	5-19	12.66
	20+	11.42

Waterproof Hi-Temperature Digital Thermometer (Comark-Fluke)

Commercial Dishwasher safe

- Field calibratable
- Tip tapers to 2.2 mm
- MAX hold and data hold button
- Auto power off
- BioCote[®] antimicrobial protection
- NSF certification

Range	-4 to 400°F / -20 to 200°C (switchable)	
Accuracy	±2°F / 1°C	
Warranty	1 year	
Battery	(1) LR44 1.5V button cell (included)	
	Qty	Your

Mfr Item No.	Break	Cost
KM14	1-4	23.67
	5+	20.17
		Mfr Item No.BreakKM141-4

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- Datalogging RH / Temperature Pen
 - (Sper Scientific)
 - Traceable[®] Platinum High-Accuracy
 - Refrigerator Thermometer (Traceable)
 - Triple Large Display Digital Thermometer Kits
 (Thermco)



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Dwuana Brown, *Customer Service Supervisor* 800-328-8378 dbrown@weberscientific.com

Dual-Scale Pocket Thermometer (Taylor 9841)

Features: 5" stainless steel stem; on\off switch; one second update; sheath with clip that doubles as a holder. Includes one LR44 button cell battery and one spare; replacement #3029-60. One year warranty.

Range: -40° to 500°F switchable to -40° to 260°C

Item No.	Qty Break	YourCost
3028-29	1-9	16.95
	10-19	15.17
	20+	12.49

Traceable® Waterproof Dual-Scale Probe Thermometer (Traceable 4420/4421)

With min/max readings. Range is -58 to 572°F and -50 to 300°C, resolution is 0.1° from -20 to 200° (1° otherwise), and accuracy is ± 1.5 °C. Ultra[™] model accuracy is ± 0.4 °C. Readings are updated every second. Holder allows versatile positioning of stainless probe. Stem length is 3-1/2″ and diameter is 0.14″; overall



length, 7-1/4". Probe guard snaps to handle to extend overall length to 10-3/4". LCD readout is 1/4-inch-high. Includes one LR44 button cell battery (replacement #3029-60), key chain and lanyard. Weight is 1 ounce. One year warranty.

Comes with an individually serial-numbered $\ensuremath{\mathsf{Traceable}}\xspace^{\circ}$ Certificate to NIST standards.

ltem No.	Description	Qty Break	Your Cost
3516-50	Thermometer,	1-4	30.91
	accuracy ±1.5°C	5+	29.24
3516-52	Ultra Thermometer,		42.85
	accuracy ±0.4°C		

Traceable® T-Handle Digital Thermometer (Traceable)

- On/Off switch
- Automatic power off
- °C/°F preset
- Stainless-steel probe
- Data hold
- Protective probe cover



Measurement range: -58 to 302°F / -50 to 150°C
Display digit size: 6 x 3 mm
Product Size: 2 x 58 mm
Probe Size: 0.35 x 125 mm
Battery: 1.5 volt, size A76 or equivalent x 1 pc

Certified[™] to NIST: To assure accuracy an individually serial-numbered certificate is provided from our ISO 9001 quality certified facility. It indicates standards provided by NIST (National Institute of Standards and Technology).

Item No.	Qty Break	Your Cost
3516-11	1-4	19.33
	5+	17.39

193





Digital Thermometers

919

0

Traceable[®] Lollipop Shock and Waterproof Thermometer (Traceable 4371/4378)

Records minimum/maximum reading

Stainless-steel probe is resistant to most laboratory chemicals. Wide range: -58 to 572°F and -50 to 300°C. Resolution is 0.1° from -20 to 200°; 1° outside this range. Accuracy is ±1°C between 0 and 100°C. Ultra™ model accuracy is ±0.4°C at tested points. Reading updates every second. At the touch of a button, memory recalls highest and lowest temperature readings over any time period. Engineered to be shockproof in drop tests up to 5 feet. Bright 1/4-inch-high display is easy to view. One year warranty.

Stem diameter, 0.14-inch; stem length, 8 inches; overall length, 10-1/4 inches; width, 1-3/4 inches; depth, 1/2 inch · Weight is 7/8 oz.

To ensure accuracy, an individually serial-numbered Traceable[®] Certificate is provided from our ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by NIST (National Institute of Standards and Technology). Supplied complete with stainless-steel probe, probe cover and one LR44 button cell battery; replacement **#3029-60**. Stem size is 0.14 inch diameter and 8 inch length. Overall unit length is 10-1/4 inches, width is 1-3/4 inches and depth is 1/2-inch. Weight is 7/8 ounce.

Item		Your
No.	Description	Cost
3516-60	Lollipop Thermometer, accuracy ±1°C	40.40
3516-62	Ultra Lollipop Thermometer, accuracy ±0.4°C	81.96



Flash Check[®] Jumbo Display Auto-Cal Needle Probe Thermometer (DeltaTRAK 11063)

Engineered for accuracy, durability and readability, the Flash Check Thermometer boasts an auto-calibration feature, a fast response time of less than 6 seconds, and is ideal for measuring the temperature of "thin mass" food (e.g., meat patties, chicken, and fish fillets) during cooking and holding as per FDA Food Code 4-302.12(B). The O-Ring sealed uni-body construction is RoHS-compliant, IP56 waterproof and grease resistant. The back of the thermometer has a rotating pocket clip and a magnet. The display indicates °F or °C and flashes in "hold" mode. Thermometer is NSF certified and can be calibrated in the field. One year limited warranty.

-40°F to 311°F (-40°C to 155°C)	
1.0°F (-4°F to 113°F) ± 0.5°C (-20°C to 45°	C);
otherwise ±1.8°F (±1.0°C)	
Less than 5 seconds (0°C to 25°C/32°F to	77°F)
0.1°(F or C)	
1.5" X 0.5" (38mm x 12.7mm)/every 2 sec	conds
IP56	
Stainless steel probe, length 3.90 \pm 0.00	04" (99 ±
0.1mm); Needle probe 0.067" (1.7mm) d	iameter
ABS plastic	
NIST traceable calibration certified	
NIST traceable, NSF, CE	
One LR44 button cell battery; replaceme	nt #3029-60
Qty Break	Your Cost
1-4	31.18
	1.0°F (-4°F to 113°F) \pm 0.5°C (-20°C to 45° otherwise \pm 1.8°F (\pm 1.0°C) Less than 5 seconds (0°C to 25°C/32°F to 0.1°(F or C) 1.5″ X 0.5″ (38mm x 12.7mm)/every 2 sec IP56 Stainless steel probe, length 3.90 \pm 0.00 0.1mm); Needle probe 0.067″ (1.7mm) d ABS plastic NIST traceable calibration certified NIST traceable calibration certified NIST traceable, NSF, CE One LR44 button cell battery; replacement

5+

Waterproof Digital Thermistor Thermometer (DeltaTRAK 11050)

- °C/°F selectable
- Min/Max reading memory
- Can be auto calibrated, NSF Certified
 See-through probe cover with pocket
- clip on back
 Waterproof housing completely submersible
- Continuous min/max temperature recording until thermometer shuts off or resets
- Small-diameter probe ideal for measuring temperature of "thin mass" food such as meat patties and chicken/ fish fillets (FDA Food Code 4-302.12B)

Item No.	Oty Break Your Cost
Warranty	One year limited
Certification	CE Mark, NSF Certified
Waterproof Rating	IP65
Weight	1.3 oz (37.6g)
Probe Dimensions	Stainless steel, 0.14 in. (Dia.) x 4.13 in. (L) (3.56 mm x 105 mm)
Body Casing	Polycarbonate and ABS plastic
Battery	One LR44 button cell battery; replacement #3029-60.
Calibration	Auto calibration feature
Display Window Size	0.77 in W x 0.37 in H (19.5 mm W x 9.5 mm H)
Display Reading Update	1 second
Temperature Resolution	0.1°F (0.1°C)
	±2.0°C (±3.6°F) from 266°F to 311°F (130°C to 155°C)
	±1.5°C (±2.7°F) from 212°F to 266°F (100°C to 130°C);
Accuracy	±1°C (±1.8°F) from -31°F to 212°F (-35°C to 100°C);
Measurement Range	-40°F to 311°F (-40°C to 155°C)

Item No.	Qty Break	Your Cost
3029-85	1-4	24.01
	5+	22.29

Waterproof Digital Pocket Thermometer (Taylor 9842FDA)

- Temperature range -40°F to 450°F or -40°C and 230°C.
- 1.5mm FDA recommended probe tip diameter.
- On/Off button and auto shut off to conserve battery life.
- Thinner probe makes a smaller puncture into the food.
- Anti-microbial plastic storage case inhibits growth of baterial odor and mold.
- 5" stainless steel stem.
- Waterproof.
- Recalibratable complies with HACCP requirements.
- 1.5 volt battery included.
- NSF listed.

28.96

Item No.	Qty Break	Your Cost
3029-73	1-4	32.13
	5-19	27.54
	20+	24.62



💦 WEBER EXCLUSIVE 🛛 😚 FIRST CASE UPGRADE

🔶 HAZARDOUS MATERIALS 🛛 🎄 SHIPS ON ICE

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Digital Thermometers

Waterproof Dual Scale Digital Thermometer with Mix/Max and Hold Features (DeltaTRAK)

Essential features for an amazing price

With minimum and maximum memory capability, it will record the lowest and highest temperature reached from last reset, between -40°F to 311°F (-40°C to 155°C) and is accurate within \pm 1°F (\pm 0.5°C). This waterproof instrument is an ideal food service thermometer for HACCP compliance.



Use this extremely versatile thermometer to verify dishwasher temperature, ensuring that your cookware and dishes have been properly sanitized. The thermometer is completely waterproof for repeated commercial dishwasher use. It can be used where steam or condensation is a problem, or it can be completely submerged into water.

Large easy-to-read display. Comes with a removable see-through probe cover with pocket clip. Factory calibration is N.I.S.T. traceable by lot. Recalibration is possible in the battery compartment.

Sensor Temperature Range	-40°F to 311°F (-40°C to 155°C)
Accuracy	±2°F (-40°F to -4°F); ±1°C (-40°C to -20°C)
	±1°F(-4°F to 131°F); ±0.5°C (-20°C to 55°C)
	±2°F (131°F to 311°F); ±1°C (55°C to 155°C)
	or ±1%, whichever is greatest
Resolution	0.1 between -20° to 200° (F or C); otherwise 1°
Waterproof Rating	IP65
Response Time	Update every 1 second
Probe	Stainless steel, 4.13" L x 0.14" Dia, Reduced tip 0.1" Dia (105 mm L x 3.56 mm Dia, Reduced tip 2.5 mm Dia)
Battery (included)	1.5V button alkaline or equivalent, about 5,000 hours continuous life
Certification	CE, RoHS, NIST traceable, manufacturers certificate of compliance available

Item No.	Qty Break	Your Cost
3029-84	1-4	16.81
	5+	15.88

Waterproof Dishwasher Thermometer Kit (DeltaTRAK 12214)

Waterproof plastic protective heat shield contains a waterproof thermometer (Item No. 3029-85). Includes one LR44 button cell battery; replacement #3029-60. One year limited warranty.

ltem No.	Qty Break	Your Cost
3516-70	1-9	33.40
	10+	29.23





FlashCheck® Reduced Needle Tip Probe Thermometer (DeltaTRAK 11089)

This Reduced Needle Tip Probe Thermometer is engineered to set the industry standard for accuracy, durability and readability. It is designed and constructed under exacting standards to meet and exceed specifications required for commercial and professional uses.

- Reduced tip ideal for measuring temperature of thin mass foods such as meat patties, chicken nuggets and fish fillets, per FDA Food Code 4-302.12(B).
- Needle tip provides extremely fast response time
- °C/°F switchable scale at the touch of a button

Pocket clip for portability

Measurement	Range -40°F to 311°F (-40°C to 155°C)
Accuracy	±0.9°F (-40°F to +14°F); ±0.5°F (+14°F to +68°F);
	±0.9°F (+69°F to +122°F); ±1.8°F (+123°F to
	+311°F)
Resolution	0.1°F (0.1°C)
Display Reading	Update Every 2 Seconds
Display Size	1.5in W x 0.5in H (38mm W x 12.7mm H)
Probe	Stainless steel needle tip probe, dia 0.1in
	(2.5mm), Probe stem length 3.90in (99mm)
Calibration	Factory calibrated to NIST
Battery	1.5V button
Battery Saver	Automatic shut off after 10 minutes
Regulatory Compliance	NSF, RoHS-compliant device and NIST
	traceable HACCP tool
Body	ABS plastic
IP Rating	IP56 Rated

Item No.	Qty Break	Your Cost
3028-02	1-4	18.88
	5+	17.41

Traceable® Waterproof Digital Thermometer

(Traceable)

Automatic power off

- Stainless steel probe
- Data HOLD
- ON/OFF Switch
- °C/°F exchange
- Protective probe cover
- MAX.MIN temperature
- memory

Certified[™] to NIST: To assure accuracy an individually serial-numbered Traceable® Certificate is provided from an ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by NIST (National Institute of Standards and Technology).

Specifications:

otherwise 1°

Measurement range: -58 to 302°F / -50 to 150°C

Display Resolution: 0.1° between -19.9 to 199.9°

Display Digit Size: 9 mm x 4.5 mm

Battery: 1.5 volt, LR44 x 1 pc (included)

Product Size: 89 x 30 x 170 mm

Item No.	Qty Break	Your Cost
3516-17	1-4	32.44
	5+	27.03

800-328-8378

ACCESSORIES: THERMOMETERS

Probe Wipes see page 174.

THERMOMETERS

98.3°F

195



Digital Thermometers

Thin-Tip Waterproof Digital Thermometer (Comark-Fluke)

Super fast response – 6 seconds or less

- Waterproof or water resistant models to choose from
 Response time better than 6
- Probe tip reduced to 1.5 mm
- °F/°C switchable

POCKET THERMOMETERS

- Maximum temperature hold for use in commercial dishwashers (waterproof models only)
- Field calibratable
- Data hold to freeze a readingAuto power off
- Auto pow
 NSF
- NSF
 PioCoto^o
- BioCote[®] antimicrobial protection
 Includes one LR44 button cell
- battery; replacement #3029-60
- One year warranty



Item No.	Mfr Item No.	Temperature Range	Accuracy	Stem Length	Qty Break	Your Cost
3516-30	DT400	-20°C to +200°C	±0.5°C/1°F	5″	1-4	42.76
	waterproof	-4°F to +400°F			5+	36.43
3028-35	PDQ400	-20°C to +200°C	±0.5°C/1°F	3″	1-4	40.70
	waterproof	-4°F to +400°F			5+	34.67
	5 year warranty					
3516-34	PDT300	-50° to +150°C	± 1°C , ±2°F	3″	1-9	36.86
	water resistant	-58°F to +300°F			10+	31.41
3028-32	300	-40° to +150°C	± 1°C , ±2°F	5″	1-4	21.36
	water resistant	-40°F to +300°F			5+	18.20
3028-33	300B	-40° to +150°C	± 1°C , ±2°F	5″		23.16
	water resistant w/rubber boot	-40°F to +300°F				

Traceable® Extra-Long Stem Dual-Scale Digital Thermometer (Traceable 4353/4354)

For those hard-to-reach measurements

Stainless steel probe with plastic case. Range is –58 to 572°F and –50 to 300°C. Resolution is 0.1° from –20 to 200° (1° outside this range). Overall length is 14 3/8". Stem length is 11 3/8" with a diameter of 0.14". Top diameter is 13/16 inches. Weighs less than 1 ounce. To assure accuracy an individually serial-numbered Traceable® Certificate is provided from our ISO 17025 calibration laboratory accredited by A2LA. It indicates traceablility to standards provided by NIST (National Institute of Standards and Technology). Includes one LR44 button cell battery; replacement **#3029-60**. One year warranty.

ltem No.	Description	Accuracy	Your Cost
3516-20		±1.0°C	45.41
3516-22	Ultra model	±0.5°C at tested point	75.33



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Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details.

Liquid-in-Glass Thermometers





3530-20

Red Liquid Pocket Thermometers with Case

With white back. Total immersion. Length: 6" (155 mm).

ltem No.	Range °F	Div °	Qty Break	Your Cost
3530-30	25 to 125	2	1-9	6.21
			10+	4.95
3530-20	0 to 220	2	1-9	10.58
			10+	0.00

Economy Grade Laboratory Thermometers

Liquid-in-glass. 12"/305 mm long. Good value for general lab use.

ltem No.	Range	Div°	Accuracy	Comments	Qty Break	Your Cost
3028-67	-20 to 110°C.	1	1°	spirit	1-9	6.07
					10+	5.10

3028-50

Precision Laboratory Thermometers (Thermco)

Precision mercury-in-glass thermometers suitable for numerous laboratory procedures. Yellow backed tubing. 12" long. 76 mm partial immersion.

ltem No.	Range	Div°	Qty Break	Your Cost
3028-50	-30 to 120°F.	1	1-2	10.91
			3+	8.74
3028-65	-20 to 110°C.	1	1-2	10.05
			3+	8.05

3028-67

Maximum Registering Thermometers (Thermco)

For applications such as monitoring the highest temperature of an autoclave or dishwasher cycle, a maximum registering thermometer will hold the highest temperature reached. The column of mercury will not recede into the bulb until shaken down like a fever thermometer which should be done before each new measurement. High precision "max reg" thermometers such as these should be read within 3 minutes of end of cycle for top accuracy. Comes complete with open face metal armor case (only shake down when firmly enclosed in case to avoid snapping). Teflon[®] coated.

١	

MAXIMUM REGISTERING

ltem No.	Range	Scale Divisions	Length	Application	Qty Break	Your Cost
3028-89	80 to 135°C	0.5°	200 mm	autoclaves	1	103.51
					2+	90.59
3028-90	0 to 220°F	2°	140 mm	dishwashers	1	78.26
					2+	68.47
3028-91	-10 to 200°C	1°	305 mm	hot air ovens	1	109.31
					2+	95.63
3028-92	-20 to 150°C	1°	165 mm	autoclaves	1	142.43
					2+	124.63
3028-93	40 to 300°F	2°	140 mm	autoclaves	1	65.75
					2+	57.54
3028-94	200 to 500°F	5°	140 mm	hot air oven	1	76.42
					2+	66.88

NOTE: Maximum registering thermometers always have a separated liquid (mercury) column. The liquid passes through a "gate" at the constriction in the glass tube allowing it to pass through until the highest temperature is reached and cannot return below the gate until the thermometer is shaken down to reset. **Do not try to reunite the mercury column**, just shake the column down to room temperature to reset the thermometer.

IMPORTANT NOTE:

DUE TO REGULATIONS WE CANNOT SHIP MERCURY THERMOMETERS OR ACCEPT MERCURY THERMOMETERS FOR RECALIBRATION FROM: CA, CT, IL, IN, ME, MD, MA, MI, MN, NH, RI, OR, WA & CANADA.

Visit: weberscientific.com



Thermometers

Calibrated and Certified Thermometers

CALIBRATED & CERTIFIED

High precision laboratory thermometers designated as NIST Accurate are manufactured to the standards of NIST* Monograph 250-23. These thermometers can also be provided, at additional cost, with either "Certificates of Conformance" or "Reports of Calibration."

A "Certificate of Conformance" is sufficient if you need to certify that the thermometer conforms to NIST standards for accuracy. The certificate shows a factory chosen calibration point and the correction factor for that temperature. The certificate will also reference the serial number engraved on the thermometer.

An NIST thermometer can be calibrated against Thermco's master thermometers at any temperature(s) within the scale range. A "Report of Calibration" is then issued showing the correction factor at each calibration point. This report also references the engraved serial number of the thermometer.

In addition to the many certified or calibrated thermometers shown here, most NIST Accurate thermometers may be ordered with "Certification of Conformance" or with "Reports of Calibration". Call for details.

*NIST - National Institute of Standards and Technology, formerly NBS, National Bureau of Standards

CERTIFIED MILK TESTING THERMOMETERS (Thermco)

SERIALIZED AND SUPPLIED WITH A CERTIFICATE SO THAT OTHER DAIRY THERMOMETERS MAY BE CHECKED...

Factory Calibrated and Certified Milk Testing Thermometers (Thermco)

Furnished with a calibration document showing corrections at various critical temperatures relevant to dairy quality control. Conforms to the exacting requirements outlined by NIST for precision thermometers. All thermometers are Teflon[®] safety encapsulated and come in a felt-lined leatherette case.



ltem No.	Range	Sub- division	Calibration Points °	Immersion mm	Length mm/inch	Liquid Fill	Your Cost
3027-65	-1 to 101°C	0.1°	0, 4.4, 32, 64	76	610/24	mercury	551.75
3027-66	-1 to 101°C	0.1°	0, 4.4, 32, 64	76	610/24	spirit	551.75
3520-07	-20° to 110°C	0.5°	0, 4, 32	76	305/12	mercury	253.67
3520-09	-20° to 110°C	0.5°	0, 4, 32	76	305/12	spirit	253.74
3520-12	-20° to 110°C	0.5°	0, 4, 32, 45, 56	76	305/12	mercury	272.46
3520-14	-20° to 110°C	0.5°	0, 4, 32, 45, 56	76	305/12	spirit	369.72
3520-17	-20° to 110°C	0.5°	0, 4, 32, 35, 45, 56, 64	76	305/12	mercury	487.81
3520-19	-20° to 110°C	0.5°	0, 4, 32, 35, 45, 56, 64	76	305/12	spirit	487.81
3520-22	-20° to 110°C	0.5°	0, 7, 72	76	305/12	mercury	195.59
3520-24	-20° to 110°C	0.5°	0, 7, 72	76	305/12	spirit	253.67
3520-27	-1 to 201°C	0.5°	0, 170	76	430/17	mercury	267.42
3520-29	-1 to 201°C	0.5°	0, 170	76	430/17	spirit	201.10
3520-32	0° to 220°F	0.5°	32, 45, 161	76	380/15	mercury	253.67
3520-34	0° to 220°F	0.5°	32, 45, 161	76	380/15	spirit	253.67

Selected temperatures critical to dairy quality control:

0°C, 32°F
4.4°C
7.2°C, 45°F
32°C
35°C
45°C
56°C
64° C
120°C
72°C, 161°F
170°C

Looking for a calibrated thermometer at different calibration points, graduations or temperature range?

Let us know! We are happy to special order the exact thermometer to fit your needs.

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details.

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Thermometer Recertification Program

Many factors determine recertification of thermometers, such as usage, temperatures measured, in-house procedures, and regulatory agencies' guidelines and policies. As a general guideline for good laboratory and manufacturing practices, thermometers should be recertified/verified on an annual basis.

Recertification program includes:

- Complete visual inspection for any physical damage.
- Damaged thermometers will be repaired if possible.
- Thermometer readings are compared against NIST standards in high precision calibration baths using the comparison method at determined test temperatures.
- Each temperature is recorded to 1/10th of a scale division.
- A calibration report is generated detailing the pertinent information including the correction factors for each test point.
- All calibration information is entered into the THERMCO data storage system.
- All certification procedures are performed in accordance with NIST and ASTM guidelines, which meet with requirements set by regulatory agencies.

Please note: this recertification program is available for any thermometer, not just Thermco brand.

How to Order:

1. Mail the following items to Thermco:

- Completed Recertification Program Order Form (Available for download at weberscientific. com after you place your order)
- Your carefully-packaged thermometer(s)
- A copy of the current calibration certificate(s)
- Address: Thermco Products, Inc. Attn: Recertification Dept. 10 Millpond Drive, Unit #10 Lafayette, NJ 07848

2. We will bill you based on the prices below.

3. **OPTIONAL:** You may send a purchase order if desired. Please send the purchase order to Weber Scientific and attach a copy to the Recertification Program Order Form for Thermco.

4. Thermco will ship back your thermometer and new certificate within 5 days.

For any questions or special requests regarding thermometer recertifications, please call Customer Service at 800-328-8378.

Recertification Description	ltem No. Liquid- in-glass	Your Cost Liquid- in-glass	ltem No. Digital	Your Cost Digital
1 Temperature Point	3029-08	70.18	3027-51	106.93
2 Temperature Points	3029-09	113.57	3027-52	163.54
3 Temperature Points	3029-10	115.22	3027-53	175.44
4 Temperature Points	3029-11	115.22	3027-54	187.14
5 – 9 Temperature Points	3029-12	140.34	3027-55	140.34
10 – 15 Temperature Points	3029-13	175.05	3027-56	163.46
Bottle Thermometers	3029-14	55.69	3027-57	55.69
Digital Pasteurization Thermometers			3029-15	235.59
Ultra-Accurate Wide-Range Thermometers			3029-16	235.59

Serialized and Certified Thermometers (Thermco)

Complete with a Factory Certificate of Conformance

Each thermometer is identified by a serial number and a certificate that shows the accuracy tolerance in comparison with a standard calibrated at the National Institute of Technology (NIST). Calibrated to one point. All thermometers are Teflon[®] safety encapsulated. Yellow back with permanent calibrations.

			Cali-				
Item		Sub-	bration	Immersion	Length	Liquid	Your
No.	Range	division	Point°	mm	mm/inch	Fill	Cost
3027-60	30 to 220°F	1°	100	152	381/15	mercury	95.31
3027-61	-30 to 220°F	1°	100	152	381/15	spirit	228.70
3027-80	-30 to 120°F	1°	56	76	305/12	mercury	94.85
3027-81	-30 to 120°F	1°	56	76	305/12	spirit	94.29
3027-83	30 to 214°F	0.2°	100	76	610/24	mercury	200.78
3027-84	30 to 214°F	0.2°	100	76	610/24	spirit	203.25
3027-86	0 to 230°F	2°	100	76	305/12	mercury	94.31
3027-87	0 to 230°F	2°	100	76	305/12	spirit	94.06
3027-89	-20 to 110°C	1°	37	76	305/12	mercury	94.31
3027-90	-20 to 110°C	1°	37	76	305/12	spirit	94.24
3028-63	-20 to 110°C	0.5°	37	76	305/12	mercury	111.45
3028-64	-20 to 110°C	0.5°	37	76	305/12	spirit	111.70
3027-92	-38 to 50°C	0.1°	0	total	610/24	mercury	197.54
3027-95	-1 to 101°C	0.1°	56	76	610/24	mercury	333.30
3027-96	-1 to 101°C	0.1°	56	76	610/24	spirit	234.13

IMPORTANT NOTE:

DUE TO REGULATIONS WE CANNOT SHIP MERCURY THERMOMETERS OR ACCEPT MERCURY THERMOMETERS FOR RECALIBRATION FROM: CA CT, IL, IN, ME, MD, MA, MI, MN, NH, RI, OR, WA & CANADA.

Factory Calibrated Maximum Registering Thermometers (Thermco)

Autoclavable

Furnished with a NIST traceable"Report of Calibration" showing the correction factor at the point of calibration. Eliminates the

problem of calibrating a maximum registering thermometer at temperatures above 100°C in the lab. Complete with openface metal armor case.

	3028-60	3028-62
Range	80 to 135°C	-10 to 200°C
Div°	0.5	1
Length	200 mm	305 mm
Calibration	120°	175°
Point		

ltem No.	Your Cost
3028-60	232.23
3028-62	257.23



Mercury Collector (Bel-Art Scienceware 362500000)

Quickly and conveniently

capture spilled mercury beads!

- Lid features 'absorbent' foam pad on interior surface
- Replacement foam pad available
 Dispose of mercury by approved disposal method

In case of a mercury spill, remove the lid and press the pad on the inside of the lid firmly into the spilled mercury. This pressure results in the pad taking up the mercury and becoming saturated with the metal. Replace the mercury-laden lid on the jar. A perforated plate in the jar is pressed up against the mercury-filled pad, and the mercury is released into the jar as a result. Dimensions: 105 x 48mm O.D. (4-1/8" x 1.9") high. Quantity: 25/pack.

Item No.	Your Cost
4334-32	35.40

RECERTIFICATION

800-328-8378

ACCESSORIES:



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Teflon® Coated Safety Thermometers (Thermco)

Resilient, shock absorbing Teflon® coating will capture all glass and mercury (or spirits) should the thermometer break. Impervious to the chemical action of acids and other corrosive materials. All thermometers are accurate to NIST tolerances. Mercury-in-glass models have yellow backing while red spirit models have white backing.

ltem No.	Range	Div°	Length	Liquid Immersion	Fill	Description	Qty Break	Your Cost
3028-70	-20 to 110°C	1	305 mm	76 mm	mercury	general lab		30.56
3028-72	-20 to 110°C	0.5	305 mm	76 mm	mercury	general lab	1	60.02
							2+	52.52
3028-73	-20 to 110°C	1	305 mm	76 mm	spirit	general lab	1	45.74
							2+	40.03
3028-75	0 to 230°F	2	305 mm	76 mm	mercury	general lab		30.56
3028-78	0 to 230°F	2	305 mm	76 mm	spirit	general lab	1	47.67
							2+	41.72
3028-80	20 to 100°C	1	305 mm	76 mm	mercury	incubator/water bath with immersion		48.30
						enlargement, arrows at critical temps		
3028-82	-10 to 220°C	0.5	385 mm	total	mercury	hot air oven sterilization		36.21
3028-84	0 to 100°C	0.5	225 mm	35 mm	mercury	block incubator, shallow immersion,	1	73.58
						Charm, Delvo, SNAP	2+	64.40
3028-85	24 to 57°C	0.5	175 mm	35 mm	mercury	block incubator, shallow immersion,	1	73.96
						Penzyme	2+	64.70
3028-86	34.5 to 46°C	0.1	237 mm	76 mm	mercury	coliform incubator with arrows at		72.44
						critical temperatures		

CERTIFIED THERMOMETERS

Open Face Metal Armor Cases (Thermco)

Nickel-plated brass with a ring-top for suspension applications. Thermometer can be read through open face.

ltem No.	Fits thermometers of length	Your Cost
3028-46	610 mm (24″)	39.97
3028-49	305 mm (12″)	30.17

3/8″ X

Thermometer Holder (Scienceware)

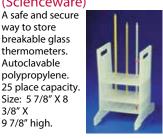
This handy little gizmo clips onto the rim of a beaker or flask to hold a thermometer vertically near the side

of the container. Polycarbonate with grommetted

hole. Pack of 3.

ltem	Your
No.	Cost
3036-60	18.64

Thermometer Rack (Scienceware)



Item	Your
No.	Cost
3036-54	59.99



Accu-Temp[®] Dry Bath/Block Heater Thermometers (Thermco)

Blue spirit-filled safety coated thermometer is housed in a 2.0mL micro tube filled with mineral oil. Individually serialized and traceable to NIST (National Institute of Standards and Technology). Complete with "Certificate of Accuracy".



ltem No.	Range °C	Divisions °C	Length in./mm	Immersion in./mm
3518-30	18 to 60	0.5	5 / 125	1.4 / 35
3518-40	50 to 110	0.5	6.5 / 165	1.4 / 35

Item No.	Your Cost
3518-30	69.04
3518-40	72.71

IMPORTANT NOTE:

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FIND IT AT WEBERSCIENTIFIC.COM

Brix Plastic Hydrometers from Thermco





Brix Thermo-Hydrometers (Thermco)

Indicates the percent sugar in solution at 20°C. Built-in 0-50°C. thermometer with correction scale. $12^{\prime\prime}$ long.

Item No. Range %		Subdivision %	Your Cost	
3025-00	0-12	0.1	33.47	
3025-05	9-21	0.1	57.47	

-	10000	

Specific Gravity Hydrometers (Thermco)

These glass hydrometers measure the specific gravity (relative density) of liquids—the ratio of the density of the liquid to the density of water.

Item No.	Specific Gravity	Length	Divisions	Your Cost
3024-86	0.895 to 1.0	300 mm	0.001	27.44
3024-87	0.650 to 1.000	300 mm	0.005	27.83
3024-88	1.000 to 1.220	300 mm	0.002	27.44
3024-89	1.200 to 1.420	300 mm	0.002	27.83



A.S.B.C. Hydrometers (Rascher & Betzold)

Top Reading Pyrex® Brand Glass Hydrometers

Readings are made on hydrometers at the top of the meniscus when overflowing in a clean special glass cylinder. They check laboratory determinations made with the Boot or Reischauer pycnometer. American Society of Brewing Chemists Large Laboratory Type / 240 ml of Sample Needed.

	Liquid	Range	Divisions		Outside	Your
Item No.	Tested	%Plato	%Plato	Length	Diameter	Cost
3048-17	Beer/Wort	0 to 8	0.1	330mm/13"	25mm	241.61
3048-18	Beer/Wort	8 to 16	0.1	330mm/13"	25mm	241.61
3048-19	Beer/Wort	16 to 24	0.1	330mm/13"	25mm	241.61

Lactometer and Hydrometer Rack (Scienceware)

Protect fragile hydrometers and lactometers by storing them in this 18-place polypropylene rack. The middle and top plates have 1" diameter holes; the bottom plate is 1 3/4" high and has wells tapering from 1" to 3/8" to hold the hydrometer bulb. Base is 8 1/4" X 8 1/2"; height is 9 7/8". Steam autoclavable at 250° F.

Item No.	Your Cost
3036-38	104.40

800-328-8378

ACCESSORIES:

Refractometers see pages 116 - 118. Salinity Testers see page 209. Additional Beer Hydrometers see page 55. 3036-00

Lactometers

ltem No.	Your Cost
3036-00	59.70
3036-04	90.92

Item No.	3036-00	3036-04
Description	Quevenne	USDA
Lactometer Scale	15 to 40°	26 to 37°
Scale Subdivisions	0.5°	0.2°
Calibrated, Temp.	60°F	102°F
Style	Thermo	Plain
Temp. Range, °F	20 – 100	
Subdivisions, °F	2	
Length, in/mm	12/305	11.8/300



Salometer

Measures salt in water (brine). Available in sodium chloride. Standardized at 60°F. Length: 300 mm (12″).

ltem No.	Range	Saturation or Weight	Div.	Material	Your Cost
3036-40	0 - 100%	saturation	1.0%	Glass	19.75
3036-42	0 - 100%	saturation	1.0%	Plastic	76.08
3036-44	0 - 26.5%	weight	0.5%	Plastic	76.08

Hydrometer Cylinders, Borosilicate Glass

Made from heavy borosilicate glass, these cylinders have a beaded top with a pouring spout and a round base for stability.

Item No.	Capacity (ml)	O.D. x Height (mm)	Your Cost
3048-15	500	50 x 300	28.68
3048-16	1200	65 x 450	52.15



Thermometer Wire Rack and Cup (Cooper Atkins)

This wire rack and cup provides ideal storage for thermocouples, probes and pocket test instruments*. The supplied plastic cup is made of high-impact ABS plastic that allows the storage of smaller thermometers, or can be removed to house two thermocouple units and probes. Wire frame is manufactured from cold rolled steel (CRS) and can be hand-washed.

Size: 10.5" x 3 x 4.5" (267 mm x 76 mm x 114 mm)

*Instruments not supplied

Item No.	Mfr Item No.	Qty Break	Your Cost
3036-55	9391	1-4	29.18
		5+	24.68



201

Large Display Water Resistant Stopwatch (Sper Scientific)

BER SCIENTIFIC

This stopwatch is shock and water resistant and has a large 5/8" high display for good visibility. 1/100 second resolution stopwatch with split time display. Also features an alarm clock with chime, calendar and 12 or 24 hour time modes. The rounded, ergonomic design fits neatly in your hand.

Large, easy to read LCD Display. Time, date, day of week display, with 12/24 hour format. 1/100 second stopwatch with split time display. Daily alarm and hourly chime available. Dimensions are $2!4" \times 3" \times 3"$ and

weight is 1.5oz. Lanyard, instructions, and button cell battery are included.

ltem No.	Description	Your Cost
4010-45	large display water resistant stopwatch	34.94
4010-47	serialized with NIST traceable certificate of compliance	61.87

Continuous Alarm Timer (Sper Scientific 810045)

Select either a bright flashing

yellow LED or an audible alarm. Alarms will flash or sound continuously until shut off by the user. A memory recalls the last timer setting for reuse. Also counts up and automatically counts time elapsed after

the alarm. Range of 9999 minutes with 1 second resolution for the final 100 minutes (otherwise 1 minute resolution.) Built in stand for bench top use, pocket clip and magnetic back. 2 AAA batteries included. Weight: 2 oz. (57g); Dimensions: $3'' \times 2'' \times 5/8''$ (75 x 55 x 15 mm). Five year warranty.

ltem No.	Description	Your Cost
4010-60	continuous alarm timer	17.14
4010-62	serialized with NIST traceable certificate of compliance	35.71

Traceable[®] Outlet Controller (Traceable)

Versatile and economical controller may be programmed to turn equipment on and off at any minute of any day. A fail-safe memory permits programming 14 different switchings per day. They may be allocated over four separate weekly programs for up to 196 switchings per week. Random function automatically turns the controller on and off at random intervals. 2" x 4" x 3 1/2". Up to 15 amps/1800 watts.

To assure accuracy an individually serial-

numbered Traceable® Certificate is provided from our ISO 17025 calibration laboratory accredited by A2LA. It indicates traceability to standards provided by NIST (National Institute of Standards and Technology). Includes one LR44 button cell battery; replacement #3029-60. One year warranty.

Item No.	Description	Your Cost
4010-06	Outlet controller	45.57

Value-Priced Water Resistant Stopwatch

(Sper Scientific 810012)

Counts up to 24 hours in 1/100th second resolution for the first 30 minutes with a 1 second resolution thereafter. Split interval function. Also has a 12/24 hour alarm clock, calendar, and an hourly chime option. Dimensions: 2 1/2" X 2" X 1/2". Includes one LR54 Alkaline button cell battery; replacement 3039-53. Five year warranty.



ltem No.	Description	Your Cost
4010-52	water resistant stopwatch	12.72
4010-54	water resistant stopwatch with NISTtraceable certifi- cate of compliance	35.41

Count Up - Count Down Alarm Timer (Sper Scientific 810026R)

warranty

Counts up or down for 100 hours in intervals of 1 second. In count down mode unique feature tells you how much time has elapsed after the alarm sounds. Memory allows repeat of just completed cycle. Alarm clock mode. Has a built in stand, pocket clip and magnet. Includes one LR44 button cell battery; replacement #3029-60. Dimensions: 2 3/4" X 2 3/4" X 1/2". Five year



ltem No.	Description	Your Cost
4010-25	count up/down alarm timer	18.90
4010-27	serialized with NIST traceable certificate of compliance	38.57

Original[™] Traceable[®] Lab Timer (Traceable)

Extremely simple operation. Program three different activities from 9 hours, 59 minutes, 59 seconds to 1 second on this portable timer. Each channel has a distinct electronic alarm and display indicator. Alarm "off" operates manually or is silenced automatically after 1 minute.

To assure accuracy an individually serialnumbered Traceable® Certificate is provided from our ISO 17025 calibration laboratory accredited by A2LA. It indicates traceablility to standards provided by NIST

(National Institute of Standards and Technology).

Large 1/4-inch-high LCD digits are easy to read. Chemical-resistant ABS case is $3 \times 3 \times 13/8$ inches and weight is 4 ounces. Supplied with two AA alkaline batteries for 2 years of normal usage. Accuracy is 0.01%. One year warranty.

Item	Your
No.	Cost
4011-10	56.02

📉 WEBER EXCLUSIVE 🛛 🕅 FIRST CASE UPGRADE 🚸 HAZARDOUS MATERIALS 🛛 🕸 SHIPS ON ICE

Pay the lowest quantity discount pricing by placing a standing order. See weberscientific.com/standing-orders for details.

SPER SCONTENC BLOGES



Large Display Pocket Timer (Sper Scientific 810046)

Automatically records elapsed time too

Small timer has large 3/4" digits. Counts down from 100 minutes with 1 second resolution. Short warning alarms sound at 3 and 5 minutes prior to the final 30

second alarm. Automatically records elapsed time following the alarm for up to 20 minutes, or until stopped. Memory recalls the last timer setting for repetitive tests. Auto-power-off feature extends battery life (operates only when the timer is idle and will not interrupt a timing sequence). Has a built in stand, pocket clip and magnetic back. One AAA battery included. Weight: 2.4 oz. (70 g); Dimensions: $2 1/2'' \times 2 1/2'' \times 1/2'' (65 \times 65 \times 15 \text{ mm})$. Five year warranty.

ltem		Your
No.	Description	Cost
4010-56	large display pocket timer	11.71
4010-58	serialized with NIST traceable certificate of compliance	31.43

Count Up -Count Down Timer

(Sper Scientific 810024R)

Numeric keypad allows for fast programming! Counts up or down for 99 minutes in interval of 1 second. Has built in stand, pocket clip and magnet. Includes one LR44 button cell battery; replacement #3029-60. Dimensions: 2 1/2" X 2 5/8" X 6/8". Five year warranty.

certificate of compliance

	s: 2 1/2" X 2 5/8" X 6/8". Five year	
ltem		Your
No.	Description	Cost
4010-20	count up/down timer	17.09
4010-22	serialized with NIST traceable	35.71

Large Display Timer (Sper Scientific 810005)

Gigantic 3" X 2 1/2" display can be read across a room. Simultaneously displays either one count up channel and a clock, or two count down channels. All channels have a range of 24 hours with 1 second resolution. Also indicates how much time has elapsed after a count down alarm sounds and conveniently recalls the last timer setting for reuse. Extra large start/stop button and a loud alarm. Wall mount or fold for bench top use. Runs for approximately two years on one AAA battery (included). Dimensions: 5" X 3 3/4" X 1/2". Five year warranty.



ltem No.	Description	Your Cost
4010-15	large display timer	28.34
4010-17	serialized with NIST traceable certificate of compliance	45.71

Four Channel Traceable Alarm Timer (Traceable)

Four independent channels each of which counts up or down for any interval from 1 second to 100 hours. Extra large display indicates channels in use. Each one has a distinctive 1 minute alarm. Automatically begins to count up to indicate time elapsed after count down reaches zero. Memory recalls last timer setting for reuse. Also has a clock mode. Has a stand,

reuse. Also has a clock mode. Has a stand, pocket clip and a magnet. Dimensions: 2 7/8" X 2 1/2" X 9/16". Includes one LR44 button cell battery; replacement #3029-60.



ltem		Your
No.	Description	Cost
4010-30	4 channel timer	24.22
4010-32	serialized with NIST traceable certificate of compliance	48.02



Traceable[®] Flashing LED Big-Digit Dual Channel Timer (Traceable)

Compact, multi-tasker with 6-digit, dual channel display

Features: 2 simultaneous countdown activities, flashing LED timing indicator/alarm, adjustable volume. Unique visual indication for each channel; green light flashes while counting down and red light flashes once zero has been reached. Adjustable volume: high decibel, low decibel, or off for silent flashing LED operation

Allows simultaneous programming of two different activities from 99 hours, 59 minutes, 59 seconds to 1 second. Resolution is 1 second; accuracy is 0.01%. Each channel has a distinct electronic alarm and visual red light indicator when zero is reached. The alarm may be turned off or silenced automatically after 1 minute.

To assure accuracy an individually serial-numbered Traceable Certificate is provided from our ISO/ IEC 17025 (1750.01) calibration laboratory accredited by A2LA. It indicates traceability to standards provided by NIST (National Institute of Standards and Technology). Supplied with magnetic back, stand/spring-clip, opening for a lanyard, and two AAA alkaline batteries. Size is 3-1/2 x 3 x 5/8 inches. Weight is 3 ounces.

Item No.	Your Cost
4011-07	32.50

Visit: weberscientific.com



Zahn Viscometers

For quick, accurate and reproducible measurement of the viscosity of various liquids. Viscosity is expressed as the time in seconds required for a 44 mL volume of liquid to flow through an orifice in the bottom of the metal cup. Stainless steel construction. 12 inch suspension handle. Complete with instructions, but without thermometer.

ltem No.	Cup No.	Orifice, In.	Type liquid	Zahn Range, Seconds (25°C.)	Range, Cent. Stokes	Your Cost
3410-01	1	0.078	very thin	45-80	18-56	317.81
3410-02	2	0.108	thin	25-80	40-230	352.79
3410-03	3	0.148	medium	20-75	150-790	291.39
3410-04	4	0.168	heavy	20-80	220-1100	236.60
3410-05	5	0.208	very heavy	20-75	460-1725	238.78

Bostwick Consistometer (CSC Scientific)





For standardizing production lots

Popular for measuring consistency, flow rate and viscosity in a variety of viscous materials. Use on any product, including dairy products, sauces and salad dressings, where you want to measure the distance a material flows in a given time interval. Stainless steel construction resists corrosion and is suitable for laboratory and plant use. It uses little bench space and requires only 75 mL of sample. Features instantaneous gate release, which prevents premature flowing of sample. Two leveling screws and spirit levels offer precise positioning of flow angle. Engraved graduations of 0.5 cm divisions assures accurate results.

Item No.	Your Cost
4412-50	882.85

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ACCESSORIES: FOR VISCOMETERS



Stopwatches see page 203. Thermometers see pages 195 - 198.

Water and Wastewater Testing

Dissolved Oxygen Pen (Sper Scientific)

Simple one-hand operation

- Automatic temperature compensation
- Calibration to air
- Polarographic probe has a built in temperature sensor and easy-toreplace pop-off head
- Simultaneously displays DO and temperature
 Holds readings and recall
- Holds readings and recall minimums and maximum
- IP67 waterproof
- Comes with soft carrying case with belt loop, two spare probe heads, electrolyte and 4 AAA batteries
- Dim: 8" x 2" x 1 1/2" / 180 x 40 x 40 mm
- Weight: 6 oz. / 175 g

Unit of Measure	Range	Resolution	Accuracy
Dissolved Oxygen mg/L	0 - 20.0 mg/L	0.1 mg/L	±0.4 mg/L
Oxygen % in Air (for calibration reference)	0-100.0% O2	0.1% O2	±0.7% O2
Temperature °F	32-122°F	0.1°F	±1.5°F
Temperature °C	0-50°C	0.1°C	±0.8°C

	Mfr Item		
Item No.	No.	Description	Your Cost
5010-10	850045	DO Pen	321.59
5010-11	850089	Replacement probe head	12.31
5010-12	840044	Replacement electrolyte	15.21

Traceable[®] One-Shot™ Conductivity Standards (Traceable)

Calibration within disposable container eliminates contamination

- Nominal Value: 10-1000 Micro (mhos/siemens)
- Certified Reference Material
- 100% compatible with all conductivity meters
- Accuracy: certificate stated uncertainty, or ± 0.25 microsiemen or $\pm 0.25\%$

Single-use conductivity standards calibrate all conductivity meters and probes for maximum accuracy. One-Shots™ eliminate concern about external container contamination. Calibration is made in the standard's vial. Container fits all probes. Extra-large opening (1-3/4-inches diameter) and extra-large, 3-1/2-inches depth allow probe calibration to take place in the standard's polyethylene container.

	ltem No.	Mfr Item No.	Range Micro (mhos/siemens)	Qty	Your Cost
¢	5030-61	4175	10	6 x 100mL	60.71
	5030-62	4176	100	6 x 100mL	59.99
	5030-63	4177	1000	6 x 100mL	47.63





Dissolved Oxygen Meter Kit (Sper Scientific 850081DOK)

Measures dissolved oxygen to determine water quality in environmental testing, labs, industrial and municipal waste water, aquariums and fish hatcheries. The back-lit display simultaneously displays dissolved oxygen (in % or mg/L) and temperature readings (in °C or °F). Automatic temperature compensation as well as manual compensation for salinity and altitude. Features simple one-button calibration to air. DO probe heads include built in membranes and screw on and off for easy replacement. Also functions as a pH, ORP, Conductivity, TDS or Salinity meter when used with the optional probes.

Comes in a hard carrying case complete with DO probe, 2 spare probe heads, electrolyte, instructions and a 9V battery. EPA Equivalency Method: 360.1.

Unit of Measure:	Range:	Resolution:	Accuracy:
DO:	0 to 20 mg/L	0.1	±0.4
O2 in Air:	0 to 100.0%	0.1	±0.7
Temperature:	0 to 50°C / 32 to 122°F	0.1	±0.8°C / ±1.5°F

			Your
Item No.	Mfr Item No.	Description	Cost
5010-20	850081DOK	DO Meter Kit	381.43

Reflectoquant™ Analysis System (EMD Chemicals Inc.)

Ideal for rapid, precise and economical monitoring of peroxide residues (and other analytes).



Get accurate test results in the lab, in the field or on the production line. Gives

quantifiable results in seconds for a wide variety of analytes.

This system removes the subjectivity of color comparison charts. It measures the concentration of compounds based on the light reflected from a reaction zone. Two measurements are made simultaneously and averaged for increased accuracy. Up to five test methods can be stored into memory in seconds, so you can test five different analytes without reprogramming the meter.

Battery operated (4 AAA included) portable system can store results for up to 50 tests for downloading onto your PC using the built-in interface software and connecting cable available separately at an additional charge.

This system is very simple to use and quite accurate. Two year warranty.

Item No.	Description		Your Cost
5210-10	RQflex [™] meter		1,440.28
ltem No.	Test Strip, Pack of 50	Range (ppm)	Your Cost
5210-29	ascorbic acid	25 - 450	126.68
5210-53	nitrate, low range	3 – 90	122.79
5210-50	nitrate, high range	5 - 225	130.62
5210-56	nitrite	0.5 - 25	122.79
5210-59	peracetic acid	1 – 22.5	122.79
5210-62	peroxide	0.2 - 20	130.91

800-328-8378



ACCESSORIES: FOR WATER ANALYSIS

WATER TESTING



Digital Pocket Colorimeter™ DR300 Analysis Systems for Chlorine or Ozone (Hach)

A true go-anywhere instrument, lightweight and battery operated, suitable for extended field work or quick, on-the-spot process monitoring.

The Pocket Colorimeter DR300 really can be carried in your pocket! Weighing in at only .25 kg (0.55 lbs.), it even floats if accidentally dropped in water.

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Lamp	Light Emitting Diode (LED)
Detector	Silicon Photodiode
Wavelength	528 \pm 2 nm chlorine, Free and Total
	600 ± 2 nm ozone
Filter Bandwidth	15 nm
Absorbance Range	0 to 2.5 Abs
Sample Cell Pathlength	1 cm and 25 mm
Display	Liquid Crystal Display (LCD), backlit
Enclosure	IP67, waterproof at 1 m for 30 minutes
Operating Conditions	0 to 50 °C, 0 to 90% RH
Size	34mm H x 69mm W x 157mm D
Net Weight	0.25 kg (0.55 lbs)
Power	4 AAA alkaline batteries, approximate battery life of 5000 tests
Compliance	European CE Mark
Warranty	2 years

Ordering Information

Each Pocket Colorimeter comes in a sturdy custom carrying case and includes a manual. Reagents sold separately.

Item No.	Description	Range mg/L	Accuracy mg/L	Method	No. of Tests	Your Cost
5151-00	Chlorine, Free (F) ^{DW} & Total (T) ^{DW,WW}	0.1 - 10	0.01 - 10	DPD	100	772.62
5151-01	Ozone	0.01 - 0.25 0.01 - 0.75	0.01 - 10	Indigo Trisulfonate	50 (25 per method)	772.62

DW = USEPA accepted or approved for drinking water (additional steps may be required) WW = USEPA accepted or approved for wastewater (additional steps may be required)

Reagents

				No. of	
Item No.	Description	Range	Method	Tests	Your Cost
H21055-69	Chlorine, free	0-2.00	DPD	100	32.14
H21056-69	Chlorine, total	0-2.00	DPD	100	35.12
H25160-25	Ozone, Low Range AccuVac	0-0.25	Indigo	25	50.77
H25170-25	Ozone, Mid Range AccuVac	0-0.75	Trisulfonate	25	56.39



5151-35



5151-36



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Checker[®] HC (Handheld Colorimeter) for Chlorine Detection (Hanna Instruments)

This product bridges the gap between simple chemical test kits and professional instrumentation for the detection of free or total chlorine in water. Accurate and affordable, Checker HC portable handheld colorimeters for chlorine detection feature a resolution of 0.01 ppm and an accuracy of ±3% of reading plus ±0.03 ppm (mg/L). They also use an EPA-approved DPD method. The contoured style fits in your palm and pocket and the large LCD is easy to read. An auto shut-off feature prevents the battery from draining if you do not shut off the meter.

To use, zero the instrument with the water sample. Next, add the reagent. Finally, place the vial into the Checker HC, press the button and read the results.

Specifications	ltem No. 5151-35 (Total Chlorine)	Item No. 5151-36 (Free Chlorine)	
Range	0.00 to 3.50 ppm (mg/L)	0.00 to 2.50 ppm (mg/L)	
Resolution	0.0	1 ppm (mg/L)	
Accuracy	±3% of reading pl	us ±0.03 ppm (mg/L) at 25°C	
Light Source	LE	D at 525 nm	
Light Detector	Sili	Silicon photocell	
Environment	0 to 50°C (32 to 122°F	0 to 50°C (32 to 122°F); RH max 95% non-condensing	
Battery Type	((1) 1.5V AAA	
Auto-off	After 2 minutes	of non-use and after read	
Dimensions	81.5 x 61 x 3	7.5 mm (3.2 x 2.4 x 1.5″)	
Weight	6	4 g (2.25 oz)	
Method	EPA approved DPD me	thod Standard Method 4500-Cl G	
Warranty		Six months	

Item No.	Mfr. Item No.	Description	Qty	Your Cost
5151-35	HI711	Checker®HC for total chlorine comes with (2) sample cuvettes with caps, (6) powder reagents, (1) 1.5V AAA battery & instructions	each	64.95
5151-36	HI701	Checker®HC for free chlorine comes with (2) sample cuvettes with caps, (6) powder reagents, (1) 1.5V AAA battery & instructions	each	64.95
5151-38	HI711-25	Reagents for 25 tests (Total Cl ²)	pk/25	14.00
5151-39	HI701-25	Powder reagents for 25 tests (Free Cl ²)	pk/25	14.00
5151-40	HI731318	Cuvette cleaning cloths	pk/4	17.03
5151-41	HI731331	Glass cuvettes	pk/4	25.18
5151-42	HI731353	Caps for cuvettes	pk/4	31.97
5151-43	HI93703-50	Cuvette cleaning solution, 230 mL	each	29.87

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Parameter List and Reagent Sets

Colorimeter Reagent Sets

Davameter		Range*	Otry/mlr	ltom No	Your Cost
Parameter Bromine		0 - 4.50	Qty/pk 100	Item No. H21056-69	35.12
Bromine (AccuVac®)		0 - 4.50	25	H25030-25	45.56
Chlorine, Free, HR		0 - 5.00	100	H14070-99	37.08
Chlorine, Total, HR		0 - 5.00	100	H14064-99	40.41
Chlorine, Free (USEPA)		0 - 2.00	100	H21055-69	32.14
Chlorine, Free (AV) (USEPA)		0 - 2.00	25	H25020-25	47.09
Chlorine, Total (USEPA)		0 - 2.00	100	H21056-69	35.12
Chlorine, Total (AV) (USEPA)		0 - 2.00	25	H25030-25	45.56
Copper, Bicinchoninate (USEPA)		0 - 5.0	100	H21058-69	86.69
Fluoride, SPADNS (AV)	()	0 - 2.0	25	H25060-25	69.31
Iron, Total, FerroZine®	•	0 - 1.400	50	H2301-66	39.14
Iron, Total, FerroVer® (USEPA)		0 - 3.0	100	H21057-69	42.17
Iron, Total, FerroVer® (AV) (USEPA)		0 - 3.0	25	H25070-25	59.76
Manganese, LR	•	0 - 0.700	100	H22433-00	277.71
Nitrate NitraVer®5 PP, Cadmium Reduction, MR (AV)	•	0 - 30.0	25	H25110-25	59.24
Nitrate NitraVer®5 PP, Cadmium Reduction, HR (AV)		0 - 30.0	100	H21061-69	78.96
Nitrate, Cadmium Reduction, LR		0 - 0.50	100	H24298-00	153.14
Nitrite, LR (USEPA)		0 - 0.35	100	H21071-69	76.64
Nitrite, LR (AV) (USEPA)		0 - 0.35	25	H25120-25	45.69
Nitrate NitraVer [®] 2 PP, Ferrous Sulfate, HR		0 - 250	100	H21075-69	79.19
Nitrogen, Ammonia, Salicylate	•	0 - 0.50	100	H26680-00	200.00
Nitrogen, Ammonia	•	0 - 0.50	100	H22437-00	584.00
Oxygen Demand, Chemical, ULR	•	0 - 40	25	H24158-25	87.70
Oxygen Demand, Chemical, LR (USEPA)	Ĥ	0 - 150	25	H21258-25	70.16
Oxygen Demand, Chemical, HR (USEPA)	•	0 - 1500	25	H21259-25	70.16
Oxygen Demand, Chemical, Manganese III	$\mathbf{\hat{H}}$	20 - 1000	25	H26234-25	81.77
Oxygen, Dissolved, HR (AV)		0 - 15	25	H25150-25	59.14
Ozone, LR (AV)		0 - 0.25	25	H25160-25	50.77
Ozone, MR (AV)		0 - 0.75	25	H25170-25	56.39
Ozone, HR (AV)		0 - 1.50	25	H25180-25	50.77
Phosphorus, PhosVer® 3 (USEPA)		0 - 2.5	100	H21060-69	62.69
Phosphorus, PhosVer® 3 (AV) (USEPA)		0 - 2.5	25	H25080-25	59.49
Zinc (USEPA)	•	0 - 2.0	100	H24293-00	115.43

* mg/L unless noted otherwise †Order COD Reactor separately

HR: High Range MR: Mid Range LR: Low Range UHR: Ultra High Range

USEPA: USEPA accepted or approved AV: AccuVac TNT: Test 'N Tube

FIND IT AT WEBERSCIENTIFIC.COM

- More Hach prepared standards
- Aquamate Spectrophotometer from Thermo
- Chlorine Colorimeter Test Kit from LaMotte

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Insta-Test Strips (LaMotte)

Multi-Factor Test Strips are very useful in dairy, food and beverage plants.

ltem No.	Mfr. Item No.	Description	Range (ppm)	Values (ppm)	Qty per Vial	Qty Break	Your Cost
5049-30	2994	Iron & Copper	0-5 (Iron)	0, 0.3, 0.5, 1, 3, 5	25	1-9	23.24
			0-3 (Copper)	0, 0.3, 0.6, 1, 3	25	10+	22.38
5049-36	2987	pH & Total Chlorine	4-10 (pH)	4, 5, 6, 7, 8, 9, 10	25		9.75
			0-50 (TCI)	0, 1, 5, 10, 20, 50	25		
5049-39	2996	Nitrate & Nitrite	0-50 (Nitrate)	0, 5, 10, 25, 50 (NO₃-N)	25	1-9	15.55
			0-10 (Nitrite)	0, 0.5, 1, 5, 10 (NO ₂ -N)	25	10+	14.93

Water Quality Test Strips (Hach)

For anyone performing semi-quantitative spot-checks or field tests. Hach test strips are manufactured with a unique reagent pad at the tip, using proven chemistries based on standard reference methods. Just dip the strip, wait about 15 seconds until color development occurs, and compare the color of the reacted pad to the chart printed on the bottle.

Item No.	Parameter	Range	Steps, mg/L	Qty	Your Cost
4315-50	5-in-1	-		bottle/50	36.54
	Free or Total Chlorine	0-10 ppm	0, 0.5, 1, 2, 4, 10		
	Total Hardness	0-425 ppm	0, 25, 50, 120, 250, 425		
	Total Hardness	0-25 gpg	0, 1.5, 3, 7, 15, 25		
	Total Alkalinity	0-240 ppm	0, 40, 80, 120, 180, 240		
	рН	6.2-8.4 pH units	6.2, 6.8, 7.2, 7.8, 8.4		
4315-70	Ammonia (NH3-N)	0-6 ppm	0, 0.25, 0.5, 1, 3, 6	bottle/25	47.09
4315-60	Chlorine, free	0-10 ppm	0, 0.5, 1, 2, 4, 10	bottle/50	36.78
	Chlorine, total	0-10 ppm	0, 0.5, 1, 2, 4, 10		
4315-30	Hardness, total	0-425 ppm	0, 25, 50, 120, 250, 425	bottle/50	24.89
		0-25 gpg	0, 1.5, 3, 7, 15, 25		
4315-40	Nitrate	0-50 ppm	0, 1, 2,5, 10, 20, 50	bottle/25	43.85
	Nitrite	0-3 ppm	0, 0.15, 0.3, 1, 1.5, 3		
4315-75	Phosphate (PO4)	0-50 ppm	0, 5, 15, 30, 50	bottle/50	48.47

Titrets® Test Kits

Titrets® test kits use reverse titration to quantify concentrations in aqueous samples. Kits contain 30 ampules with valve assemblies, accessory solutions (when necessary), sample cup, Titrettor device, instructions, and MSDS.

Item No.	Mfr Item No.	Description	Range, ppm(mg/l)	Your Cost
4318-10	K-4520	Water Hardness test kit	20 - 200	74.14

eXact[®] Strip Micro Ozone

Dipping the eXact[®] strip into a photometer cell, the exact amount of reagent is released into the water causing a change in color or turbidity. The change is measured by an eXact[®] photometer giving the user fast and accurate results.

Item No.	Mfr. Item No.	Qty	Your Cost
4312-57	486634	Bottle of 100 tests	15.64

Quant® Test Strips For lons and Compounds (EMD Chemicals Inc.)

WEBER EXCLUSIVE

For simple, quick semi-qualitative results. Complete with instructions and color chart. Time of analysis ranges from 10 to 60 seconds. 100 tests per pack.

Item No.	Test	Range, ppm(mg/l)	Your Cost
4314-10	lead	20 - 500	200.04
4314-15	nitrate	10 - 500	107.30
4314-20	nitrite, high range	1 - 80	118.51
4314-30	peroxide	0 - 25	105.37
4314-32	peroxide	100 - 1000	144.68
4314-35	sulfate	200 - 1600	106.06
4314-40	total hardness, low range	50 - 370	101.24
4314-45	total hardness, high range	85 - 430	108.54





208 WATER TESTING

🕅 FIRST CASE UPGRADE 🔶 HAZARDOUS MATERIALS 🏾 🗯 SHIPS ON ICE

Salinity Pen (Sper 850036)

Simultaneously displays salinity and temperature

- Switchable °C or °F.
- Automatic temperature compensation
- 2 pt. calibration
- Auto power off
- Hold function
- Low battery indicator
- Case is IP65 waterproof and will float if accidentally dropped into the water
- Includes four LR44 button cell batteries; replacement #3029-60.
- Dim: 6 ½ x 1 ½ x 1 ½" (165 x 38 x 38 mm)
- Weight: 2 ½ oz (68 g)
- 1 year warranty

,,			
Unit of Measure	Range	Resolution	Accuracy
Salinity	0~10 ppt / 0~1%	0.01 ppt	1% fs + 1D
	10~70 ppt / 1~7%	0.1 ppt	1% fs + 1D
Temperature	-32~122°F / -0~50°C	0.1°	±2°F / ±1°C

Item No.	Your Cost
3036-70	71.43

Taylor - R-0002-C DPD Reagent #2

2 oz in a droj	oper bottle.	
Item No.	Size	Your Cost
5151-11	2 oz.	15.90



Quantab[°] Chloride Titrators (Hach)

Particularly popular with cheese manufacturers. Test strips provide a quick, specific on-the-spot test for determining chloride content levels in critical aqueous solutions. Simply place the strip into the solution to be tested and get a specific chloride content measurement in about 10 minutes. Results are read by observing the number on the strip and then using the accompanying calibration table to convert the reading to ppm chloride ion.



SALINITY TESTING

Almost any food processing plant using salt will find Quantab[®] Titrators useful for routine, in-process quality control or as a method for further testing. Easy-to-use strips give accurate results without costly laboratory equipment or technical training.

Item No.	Mfr Item No.	Range	NaCl % / Cl-ppm	Qty	Your Cost
4315-15	27449-40	low	0.00510 / 30 - 600	40 strips	102.31
4315-20	27513-40	high	0.05 - 1.0 / 300 - 6000	40 strips	100.01

DPD TESTABS® (LaMotte)

Widely used tablet format for determining Free and Total chlorine in water.

ltem No.	Mfr. Item No.	Description	Qty	Qty Break	Your Cost
5050-20	6999J	DPD #1Rapid Tablets	case/100	1-9	18.95
		Free Chlorine		10+	18.24
5050-25	6905J	DPD #3 Rapid Tablets	case/100	1-9	18.95
		Total Chlorine		10+	18.24
5051-07	6197-H	Chlorine DPD TESTABS #3 (50 ct)	Each		10.76



Peracetic Acid/Hydrogen Peroxide Test Kit (LaMotte 7191)

This titration kit can measure either PAA in 15-ppm increments or peroxide concentrations in 50-ppm increments. The hydrogen peroxide equivalence is 1 drop = 50 ppm. The peracetic acid equivalence can be modified to test different concentrations by using a different sample size. The result is a 1 drop = 6, 15, or 300 ppm equivalence. Do not use for tap water or low levels of peracetic acid.

ltem No.	Mfr. Item No.	Description	Your Cost
5049-70	7191-01	Peracetic Acid/Hydrogen Peroxide Test Kit • Peracetic Acid Titrant 60 mL • Sulfuric Acid 30 mL • Ferroin 15 mL • Hydrogen Peroxide Titrant 2x3 mL • Potassium lodide 30 mL • Test Tube, 5-10-25 mL, plastic, w/cap	80.96

Peracetic Test Kit Components

Your Cost
10.13
10.26
9.01
15.23
15.79
_



Chlorine Test Strips see pages 162 - 163. Salt Refractometers see website.

WATER TESTING

Water and Wastewater Testing

COD Test Reagents (Hach)

USEPA-Approved Dichromate COD Method

Item No.	Description	Your Cost
Reagent Vials		
H21259-25	(h) High Range (0 to 1500 mg/L), 25/pk	70.16
H21259-15	High Range (200 to 1500 mg/L), 150/pk	376.88
H21258-25	Low Range (0 to 150 mg/L), 25/pk	70.16
H24158-15	H Ultra-Low Range (1 to 40 mg/L), 150/pk	488.57
H12186-29	COD Standard Solution, 300 mg/L, 200 mL	43.19

BOD Test Reagents (Hach)

Item No.	Description	Your Cost
H14865-10	BOD Standard, 10 mL ampules; pk/16.	79.64
H2533-35	Nitrification Inhibitor, 35 gram.	42.27
H14160-66	Nutrient Buffer Pillows, for preparing 300 mL; pk/50.	20.68
H14863-98	BOD Nutrient Buffer Pillows, prepares 19 L; 25/pk	113.36



Biological Oxygen Demand Bottles (Wheaton)

Use for incubating diluted samples of sewage, sewage effluents, polluted water, and industrial waste.

These biological oxygen demand (B.O.D.) bottles are used to determine the amount of oxygen required during stabilization of decomposing organic matter by aerobic action. They are made from borosilicate glass for higher chemical resistance and have a 300 mL capacity. See website for numbered, bar coded, and additional stopper options.

Item No.	Description	Qty	Your Cost
TCW227497-00G	300 mL BOD Bottle; Unnumbered; Glass Pennyhead Stopper	Each	16.77

PolySeed® Testing Capsules

OLYSED Martinese Martinese

Convenient, fast, and cost-effective BOD₅ analysis with consistent results. Provides a uniform standard for the degradation of both industrial and municipal waste for biochemical oxygen demand testing. Formulated according to The Standard Methods for Examination of Water and Wastewater.

Item No.	Packaging	Your Cost
3052-15	50 Capsules/BX	187.65

AquaSnap™ ATP Water Testing Device (Hygiena)

Sensitive Water Quality Analysis in 15 Seconds

AquaSnap is an easy-to-use ATP liquid test compatible with Hygiena luminometers. The device is available in two formats: Free and Total. AquaSnap Free measures dissolved ATP that is free in solution (non-microbial ATP). AquaSnap Total measures both free ATP in solution and microbial ATP (non-microbial and microbial ATP). The difference between Total and Free provides an indication of microbial contamination in the sample. Both tests feature a specifically designed dipper tip that collects 100 µl of water, ensuring consistent sample collection. The test device's unique liquid-stable chemistry, combined with simple design, offers unrivaled accuracy and reproducibility. The devices are often used for monitoring CIP systems, and for industrial water treatment systems such as cooling towers and closed water systems.

Recommended Applications

- CIP systems
- ✓ Water quality assessment
- Bioburden testing

Product Features

- Detects down to 103 CFU
- ✓ Easy-to-use Snap-Valve[™] technology snap & squeeze
- 15 months shelf life at refrigerated
- temperatures (2-8°C) ✓ 4 weeks at room temperature (21-25°C)
- Results in 15 seconds

Results in Sec	onds				
			AD		
1 Submerge Dipper	2 Add Drops	3 Snap & Squeeze	⁴ Shake	5 Insert	6 Results



 Item No.
 Description
 Mfr. Item No.
 Qty
 List Price

 3661-95
 Total ATP
 AQ-100X
 pack/100
 292.74

 3661-96
 Free ATP
 AQ-100FX
 pack/100
 292.74

(see ATP Testing section in Sanitation Supplies for complete information on luminometers)



LuciPac A3 ATP Water Testing Device (Kikkoman)

	Item No.	Description	Qty	Qty Break	Your Cost
瀫	5300-15	LuciPac™ A3 Pen Aqua Swab System – layered flange tip for water	Case/100	1	258.56
		sampling Total ATP	(20 x 5 aluminum bags)	2+	240.53

ACCESSORIES: FOR BOD TESTING



BOD Incubator see page 13. Luminometers see pages 156 - 159.

EasyDisc Water Microbiology Tests - YEA, PCA, R2A (IDEXX)

Heterotrophic plate counts in 48 hours

- No equipment, autoclaving, or agar preparation Twelve (12)-month shelf life eliminates waste and
- improves workflow Smaller plate size reduces plastic waste by more
- than half
- Bright blue colonies make reading the tests faster than traditional methods
- Less than 1 minute of hands-on time
- Simplified procedure minimizes chance of contamination
- Minimal guality control (QC) compared to traditional methods
- Built-in gridlines make reading the test easier than traditional methods

Choose from three tests:

EasyDisc YEA Test: Results for drinking and source water in 44 hours at 36°C or 68 hours at 22°C. Easy-to-count blue colonies, designed to correlate with ISO 6222. EasyDisc PCA Test: Results for drinking water and source water in 48 hours at 35°C. Easy-to-count blue colonies, designed to correlate with pour plate method (SM 9215) using plate count agar.

EasyDisc R2A Test: Results for medical and/or pharmaceutical waters in 5-7 days at 20-28°C. Easy-to-count blue colonies, designed to correlate with the pour plate method (SM 9215) using Reasoner's 2 agar.

Item No. Description Otv Your Cost EasyDisc YEA Test Kit WYEA25 25/Pack 118.59 WYEA100 EasyDisc YEA Test Kit 100/Pack 397.72 WPCA25 EasyDisc PCA Test Kit 25/Pack 109.37 WPCA100 100/Pack EasyDisc PCA Test Kit 397.72 WR2A25 EasyDisc R2A Test Kit 25/Pack 109.38 WR2A100 EasyDisc R2A Test Kit 100/Pack 397.72



Pseudalert[™] (IDEXX)

Detect and quantify Pseudomonas aeruginosa in just 24 hours

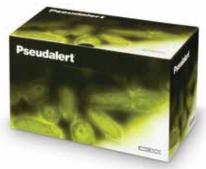
P. aeruginosa in pool/spa water can cause "hot-tub rash," "swimmer's ear" and a host of other infections, while contamination of bottled water can lead to illness in sensitive populations. Now detect P. aeruginosa in 24 hours.

- Use for presence/absence (P/A) detection or with the Quanti-Tray® or Quanti-Tray®/2000 for most probable number (MPN) enumeration.
- Delivers definitive results with no additional confirmation steps.
- Minimizes the risk of false positives from nontarget organisms.

How to Use Pseudalert Quantification

- Step 1. Add reagent to sample.
- Step 2. Shake to dissolve.
- Step 3. Add 2 drops anti-foam solution #WAFDB
- Step 4. Pour into Quanti-Tray or Quanti-Tray[®]/2000.
- Step 5. Seal in Quanti-Tray sealer and incubate for
- 24-28 hours at 38°C. Step 6. Under UV light count fluorescent wells and refer to most probable number (MPN) table.

Item No.	Description	Qty	Your Cost
WPSE020	For 100 mL sample	20 snap packs	161.78
WPSE200	For 100 mL sample	200 snap packs	1,327.61



How to Use Pseudalert Presence/Absence

- Step 1. Add reagent to sample (sample will turn yellow), and then incubate at 38±0.5°C for 24-28 hours.
- Step 2. Read under ultraviolet (UV) light. Blue fluorescence indicates presence of P. aeruginosa.

SimPlate® for HPC (IDEXX)

Good News for Pour Plate Users—A Method That's Easier to Read and Easier to Use

The US EPA has approved SimPlate for compliance testing of drinking water. It is a new testing method for heterotrophic plate count that eliminates the need for medium preparation and produces easy to use results. SimPlate has significant benefits compared to traditional pour plates:

Easy

- No agar preparation.
- Easy to read.
- 738 per plate Most Probable Number (MPN) counting range minimizes need for dilutions. (Traditional standard methods agar plates can only count up to 300 CFU)

Rapid

- Instant media preparation.
- Less than 2 minutes hands-on time.
- Reduced read time.

Accurate

- Correlates with US EPA-approved pour plate method¹ using plate count agar and 48-hour, 35°C incubation.²
- Simplified procedure minimizes chance of contamination.
- Less subjective interpretation than pour plate.

Economical

- Less equipment to purchase and maintain.
- Increased productivity saves labor costs.
- Minimal Quality Control (QC).

Simple

- Add 10 mL sample to media vessel.
- Pour contents of tube onto center of plate base
- Cover plate with lid and swirl
- Invert and incubate for 48 hours.
- Read under UV light.

¹ American Public Health Association <u>Standard Methods for</u> Examination of Water and Wastewater, 19th Ed. 1995, A.D. Eaton, L.S. Clesceri, A.E. Greenberg (eds.), American Public Health Association, Washington, DC

² Data on file at IDEXX Laboratories, Inc.

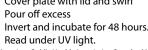


Item No.	Description	Your Cost
WHPC-25	pack of 25-unit dose media tubes and 25 SimPlates	119.55
WHPC-100	pack of 10 multi-dose media vessels and 100 SimPlates	315.93
WSW-10	100 mL Bottles of Sterile Water, Case/10	40.07

VISIT: www.weberscientific.com

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800-328-8378





Water and Wastewater Testing

Colilert[®] and Colisure[®] (DEXX)

Effortless water testing for coliforms and E. coli



 Results in 18 to 24 hours
 Fully approved - AOAC, EPA, PMO

Be certain your water is coliform free. It's critical for ...

- Sanitation
- Product rinse
- Water as an ingredient
- Regulatory compliance



Now more economical than ever, you can realize big savings by using Colilert or Colisure as a one-step method for your water quality and compliance testing. With less than one minute hands-on time you'll get results for total coliform as well as *E. coli* in 18 or 24 hours! These tests are much easier than other standard methods procedures and are more accurate! With its full range of regulatory approvals, it has become the perfect test for a wide variety of source water applications.

Just a few examples:

- Required regulatory compliance significant savings compared to sending samples to a commercial lab.
- Juice from concentrate, flavored drinks or teas.
- Bottled water also ideal for finished product analysis.
- Fresh cut produce or fruit rinse water, before or after processing.

Following are other key benefits of using this technology, truly the gold standard of rapid coliform in water testing:

Fully Approved

- Colilert and Colisure are Grade A Pasteurized Milk Ordinance (FDA/NCIMS/PMO) approved for total coliform for plant and farm source waters. Recognized for use by certified milk laboratories for negative and positive confirmation for total coliform testing.
 USEPA, AOAC and IBWA approved for total coliforms and E. coli.
- Accepted APHA Standard Methods for the Examination of Water and Wastewater for total coliforms and E. coli.

Economical

- Check out our competitive pricing.
- 20-50% less expensive than traditional methods'.
- Dramatically reduced labor costs.
- No media preparation, clean-up or waste.
- Shelf life up to 12 months from date of manufacture at room temperature.

Rapid

- Confirmed and completed results within 18 or 24 hours — 30 to 72 hours sooner than traditional methods.
- Less than 1 minute hands-on time.

¹According to AWWARF Research Applications, May 1993 #4.



Convenient

- Pre-measured, unit dosed, and ready to use.
- Clear, easy-to-read color results.
- Collection, incubation and reading can be done in the same vessel.
- Suitable for field use.
- QC procedure can be done in 15 minutes.
- Colisure has a read window that lasts up to 48 hours.

Sensitive and Specific

- Total coliforms and optional *E. coli* simultaneous detection, identification and confirmation.
- Detects a single viable coliform or *E. coli* per sample.
- No heterotrophic interference.
- No pre-enrichment or post confirmation steps required.

📉 WEBER EXCLUSIVE 🛛 😚 FIRST CASE UPGRADE 🛛 🕀 HAZARDOUS MATERIALS 🛛 🕸 SHIPS ON ICE

Rapid Methods - Coliform

How to use the Colilert and Colisure **Presence/Absence Test**

Testing Procedures

Note: 30 hours are allowed between sampling and testing

Colilert Presence / Absence (P/A) (WP020 & WP200) Add reagent to sample.

Incubate at 35°C. for 24 hours.

Read results: clear is negative for total coliforms and E. coli. Yellow is positive for total coliforms. Fluorescent is positive for E. coli. Results are definitive at 24-28 hours. In addition, positives for both total coliforms and E. coli observed before 24 hours and negatives observed after 28 hours are also valid.

Colilert-18 Presence / Absence (P/A)

(WP020-18 & WP200-18)

Add reagent to water. Cap vessel and shake. If sample is not already at 33-38°C, then place vessel in a 35°C water bath for 20 minutes or, alternatively, a 44.5°C water bath for 7-10 minutes. Incubate at 35±0.5°C for the remainder of the 18 hours. Read results: clear is negative for total coliforms and E. coli. yellow is positive for total coliforms. Fluorescent is positive for E. coli. Tests may be incubated up to but not longer than 22 hours to allow color and/or fluorescent to intensity. Positives for both total coliforms and E. coli observed before 18 hours and negatives observed after 22 hours are also valid.

Colisure Presence / Absence (P/A)

(WCLS20 & WCLS200)

Add reagent to sample.

Incubate at 35°C for 24 hours.

Read results: Yellow is negative for total coliforms and E. coli. Magenta is positive for total coliforms. Magenta/fluorescent is positive for E. coli. Results are definitive at 24 hours with a read window that lasts up to 48 hours.







Incubate at 35°C. for 24 hours, 18 hours for Colilert-18 (P/A).

Colilert® Test Reactions





Clear is negative for total coliforms and E. coli.

Yellow is positive for total coliforms.

Fluorescent is positive for E. coli.

Colisure® Test Reactions



Yellow is negative for total coliforms and E. coli.

Magenta is positive for total coliforms.

Magenta/Fluorescent is positive for E. coli.

Samples of Colilert or Colisure Reagent and Vessel are available upon request.



800-328-8378









FREE with every order for \$100 or more when you purchase Colilert or Colisure P/A reagent.

Our exclusive *E. coli* Happens coffee mug is yours absolutely free while supplies last. Be sure to specify promo code: *ECM1105* when placing your order. One mug per order, please.



Colilert and Colisure P/A

ltem No.	Description	Qty	Qty Break	Your Cost
WP020	Colilert Presence/Absence	20 tests	1	138.71
			2+	130.69
WP100	Colilert Presence/Absence	100 tests	1	598.73
			2+	572.33
WP200	Colilert Presence/Absence	200 tests	1	1,173.43
			2+	1,127.11
WP020-18	Colilert 18-hour Presence/Absence	20 tests	1	157.36
			2+	148.49
WP200-18	Colilert 18-hour Presence/Absence	200 tests	1	1,257.79
			2+	1,187.91
WCLS20	Colisure Presence/Absence	20 tests	1	155.03
			2+	148.20
WCLS200	Colisure Presence/Absence	200 tests	1	1,246.40
			2+	1,176.17

Also available - Colilert pre-dispensed Most Probable Number (MPN) format

Item No.	Description	Qty	Your Cost
W100	Colilert Pre-Dispensed MPN	100 disp. 10 mL tubes of pre-dispensed reagent in carrier trays, for ten 10-tube MPN	210.29
W102	Comparator Colilert MPN	10 mL test tube of yellow/flourescence Colilert comparator	20.62
W200	Colilert Pre-Dispensed MPN	200 disp. 10 mL tubes of pre-dispensed reagent in carrier trays, for twenty 10-tube tests	378.72

Sterile Sample Containers

	Item No.	Description	Qty	Your Cost
	WV120-20	Polystyrene Vessel, Tear-Off Label	20 high clarity 120 mL polystyrene vessels without sodium thiosulfate; w/tear-off label	21.03
٣	WV120-200	Polystyrene Vessel, Tear-Off Label	200 high clarity 120 mL polystyrene vessels without sodium thiosulfate; w/tear-off label	153.73
	WV120SB-20	Polystyrene Vessel, Shrink-Band	20 high clarity 120 mL polystyrene shrink-banded vessels without sodium thiosulfate	21.03
Þ	WV120SB-200	Polystyrene Vessel, Shrink-Band	200 high clarity 120 mL polystyrene shrink-banded vessels without sodium thiosulfate	153.73
	WV120SBST-20	Polystyrene Vessel, Shrink-Band, w/ST	20 high clarity 120 mL polystyrene shrink-banded vessels with sodium thiosulfate	21.03
٣	WV120SBST-200	Polystyrene Vessel, Shrink-Band, w/ST	200 high clarity 120 mL polystyrene shrink-banded ves- sels with sodium thiosulfate	153.73
	WV120ST-20	Polystyrene Vessel, Tear-Off Label, w/ST	20 high clarity 120 mL polystyrene vessels with sodium thiosulfate; w/tear-off label	21.03
٣	WV120ST-200	Polystyrene Vessel, Tear-Off Label, w/ST	200 high clarity 120 mL polystyrene vessels with sodium thiosulfate; w/tear-off label	153.73
	WV120SBAF-200	Polystyrene Vessel, Shrink-Band	200 high clarity 120 mL polystyrene shrink-banded vessels with Anti-foam	177.02

Item No. Description Your Cost Otv WAFDB Antifoam Solution 20 mL Dropper Bottle 21.15 **WKIT1001** Quanti-Cult Q.C. Test Kit 216.98 Contains 3 E. coli, 3 K. Pneumonise, 3 P. Aeruginosa WL160 Hand Held U.V. Lamp 6 watt U.V. lamp with tube and A.C. cord 151.72 WL161 Bulb 1 Replacement bulb for Hand Held U.V. Lamp 50.07 WL200 Pocket U.V. 4 watt battery powered U.V. lamp. 4 AA batteries 48.64 (not included) Fluorescent Lamp WP104 Vessel filled with 100 mL Colilert color and fluorescence 9.81 Comparator Colilert/Colilert-18 comparator for distinguishing positive from negative test **WVR20** Nylon coated wire rack for up to 20 polystyrene vessels 48.77 Vessel Rack Rechargeable UV Lamp Portable/Rechargeable UV Lamp 365 NM, 6 watt 620.46 3432-00

Sample of Colilert Reagent and Vessel available upon request.

ACCESSORIES: FOR COLIFORM



Additional Water Sampling Supplies see page 144. UV Pen see page 86. UV absorbing goggles see page 119.

Your

Cost

174.59

164.31

1.463.59

1,382.29

196.43

Otv

1

2 +

1

2+

Break

Rapid Methods - Bacterial

Ask us how

to qualify for a

FREE Sealer!

Quanti-Tray® and Quanti-Tray 2000® From IDEXX ... Automated Water Sample Handling for Coliform and E. coli Quantification

2,419 CFU/100 mL without

any dilutions. Sealing is

accomplished through

the use of the specially

designed sealer. Results

are available in 18 or 24

presumptive and confirmatory — no additional

hours.

Combines the rapid and easy-to-use technology of Colilert® and Colisure® technology reagent with the added benefit of enumerated results. To conduct the test: add reagent to the sample; pour the sample reagent/mixture into a Quanti-Tray; seal the tray and incubate. Quanti-Trays are sterile and disposable trays. Quanti-Tray contains 51 separate wells and counts (Most Probable Number) up to 200 CFU/100 mL. Quanti-Tray 2000 contains 96 wells and counts up to





1. ADD COLILERT TO SAMPLE.

2. POUR SAMPLE/ COLILERT MIXTURE



3. SEAL TRAY AND INCUBATE 24 HOURS.



Quanti-Tray indicates the quantity of coliform INTO QUANTI-TRAY. bacteria by the number of wells that turn yellow or magenta. Fluorescent wells indicate the quantity of E. coli. A simple MPN table converts well counts to a Most Probable Number. Results are both

- 4. COUNT POSITIVE WELLS AND REFER
 - testing is required. TO MPN TABLE.

UV Viewing Cabinet (IDEXX)

Use in viewing IDEXX water tests' fluorescence in a well-lit laboratory. Aluminum cabinet with built-in UV-absorbing window, access curtain and holding bracket for lamps. Lamps not included. Dimensions: 9" W x 12" D x 6.5" H (23 cm x 30 cm x 17 cm)

Simple Test Procedure

- Less than 2 minutes hands-on time
- Minimizes dilutions
- No pipetting required No media preparation

Easy Interpretation of Results

- No subjectivity (sheen/atypical, overlapping)
- Heterotrophic interference minimized
- No confluent growth
- Colony counting eliminated

Accurate

- Detects down to 1 CFU/100 mL
- More precise than 5 or 10 tube MPN
- Accuracy and precision comparable to MF

How to Use Enterolert Quantification

(MPN) table.

Add reagent to sample.

(counts from 1-2,419).

WCMBENT-100-20 20-pack of Enterolert/

Description

20 snap packs for

200 snap packs for

Quanti-Tray Combo

20-pack of Enterolert/

Quanti-Tray2K Combo

100 mL water samples

100 mL water samples

	Item No.	Description	Qty	Qty Break	Your Cost
٣	WQT-100	Quanti-Tray; 51 well format	case/100		136.17
Ť	WCMB24-100-20	Colilert 24/Quanti-Tray Combo	pack/20		167.29
(WQT-2K	Quanti-Tray 2000; 97 well format	case/100	1	193.94
\checkmark				2+	174.28
	WCMBCLS-2K-20	Colisure/Quanti-Tray2K Combo	pack/20		206.11
	WCMBCLS-100-20	Colisure/Quanti-Tray Combo	pack/20		196.42
	WCMB18-2K-20	Colilert 18/Quanti-Tray2K Combo	pack/20		192.57
	WCMB24-2K-20	Colilert 24/Quanti-Tray2K Combo	pack/20		178.98
	WQTSPLUS	Quanti-Tray [®] Sealer PLUS; one	each	1	5,610.44
		year warranty		2+	4,656.74
	WQTC	Quanti-Tray Comparator	each		13.93
	WQT2KC	Quanti-Tray 2000 Caparator	each		14.87
	WCM10	UV Viewing Cabinet	each		248.99

Pour into Quanti-Tray* (counts from 1-200) or Quanti-Tray*/2000

Seal in Quanti-Tray[®] Sealer and incubate for 24 hours at 41°C.

Count fluorescent wells and refer to most probable number

Enterococci Results in 24 Hours Enterolert[®] Rapid Enterococci Test (IDEXX)

Enterolert detects and guantifies enterococci in just 24 hours. Sample fluoresces to indicate the presence of enterococci. Eliminate tedious membrane filtration work. Enterolert is an official ASTM Method (#D6503-99). Shelf life: Up to 18 months at 4-30°C. Enterolert has a significantly lower rate of false positives and false negatives than membrane filtration, giving it a sensitivity of 99.6% and a specificity of 94.9%, as indicated below:



Enterolert vs. Membrane Filtration (MF)

	MF	Enterolert
False + Rate	10.00%	5.10%
False – Rate	11.70%	0.40%
Hands-on Time	16 min.	2 min.
Incubation	48 hrs. + 20 min.	24 hrs.
Confirmation	Need	No need

May, 1995, ASM Poster Presentation, State of Connecticut, Dept. of Public Health, Gary Budnick, et al.

Visit: weberscientific.com

Step 1.

Step 2.

Step 3.

Step 4.

ltem

WENT20

WENT200

WCMBENT-2K-20

No.

WATER TESTING

215

QUANTI-TRAY COLIFORM TEST

ENTEROCOCCI TEST



Microbiological Testing Products

Membrane Filtration

PREPARED MEDIA

The Membrane Filter (MF) technique is used by water laboratories around the world to detect the presence of total and fecal coliform bacteria (E.coli). The MF technique is also designed for total bacterial recovery, heterotrophic plate count and fungi (yeast and molds).



Prepared Media (Hach)

Choose from ready-to-use 2 mL PourRite[™] glass ampules or practical plastic ampules.

ltem No.	Ampule Type	Description	Test	Qty	Your Cost
H26084-20	Glass	m-ColiBlue24® Broth, EPA	Total Coliform/E. coli	pack/20	101.43
H23735-20	Glass	m-Endo Broth	Total Coliform	pack/20	64.40
H24285-20	Glass	m-FC Broth w/Rosolic Acid	Fecal Coliform	pack/20	64.40
H26084-50	Plastic	m-ColiBlue24 [®] Broth, EPA	Total Coliform/E. coli	pack/50	256.43
H23735-50	Plastic	m-Endo Broth	Total Coliform	pack/50	153.43
H23732-50	Plastic	m-FC Broth	Fecal Coliform	pack/50	150.09
H24285-50	Plastic	m-FC Broth w/Rosolic Acid	Fecal Coliform	pack/50	149.63
H24283-50	Plastic	m-Green YM Broth	Yeast and Mold	pack/50	153.43
H23738-50	Plastic	m-TGE	Heterotrophic Bacteria	pack/50	150.09

Other MF media and packaging available on weberscientific.com



Sterile 47mm Gridded Disc Filters (Foxx Life Sciences)

EZBio* 47mm gridded disc filters are used for microbiology analysis of water and other liquids in the food, beverage, and pharmaceutical industries. The material of the gridded membrane is mixed cellulose ester and gridded with a 0.45µm pore size. Each gridded disc filter is sterilized by gamma irradiation and individually packaged. All materials comply with USP Class VI Standards and FDA compliances.

Filter Diameter: 47mm

Filter Pore Size: .45µm

Filter Material: MCE

Item No.	Mfr. Item No.	Qty	Qty Break	Your Cost
3046-06	36E-3613-OEM	pk/100	1-9	68.52
			10+	58,45



Membrane Tweezers (Sartorius)

Membrane filters should only be handled with suitable tweezers in order to avoid contamination which can result from hand contact. These stainless steel tweezers can be flamed and they are autoclavable. They have blunt-edged tips for a careful, firm hold of the membrane filter.

Item	Mfr.	Your Cost
No.	Item No.	Cost
3046-35	16625	58.73



Filter Forceps (Walter Stern)

Type 304 Stainless steel. 4 1/2" long. Beveled, unserrated tips. Minimizes risk to membrane filters. Features polypropylene finger grips for easy handling.

ltem	Your
No.	Cost
WSN300-025	5.07

ACCESSORIES: FOR WATER AND WASTEWATER

Additional Culture Media see pages 48 - 52. 99mL Sterile Water see pages 46 - 47.

Membrane Filtration

Microsart[®] e.motion Sterile 47 mm Membrane Filters (Sartorius)

The Microsart[®] e.motion membrane filters are suitable for the use with the Microsart[®] e.motion dispenser. The filters are individually sterile-sealed on a band without any protective paper. The special pleating as well as the shape of the sealing of the band of membrane filters ensures a uniform dispensing of the individual membrane filters.



Designed to accurately detect and quantify *Enterococci, E. Coli, Pseudomonas aeruginosa, and Campylobacter* microorganisms in liquid samples. For environmental/water testing "food & beverage".

- Outstanding recovery rates for microorganisms
- 0.45 µm are acc. to ISO 7704
- Multi-fit: Fits into other dispensers
- Gamma irradiated, 25 kGray

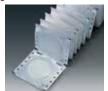
Item No.	Mfr. Item No.	Description	Qty	Qty Break	Your Cost
3046-02	114H6Z-47-SCM	White with black grid; high	pack/300	1	230.81
		flow membrane		2+	213.65

Sterile 47 mm Membrane Filters (Sartorius)

Outstanding recovery rates for microorganisms

Sterile, individually wrapped membranes have a 0.45 µm pore size. They are made of cellulose nitrate (cellulose ester), a material that assures effective retention with high flow rates and optimum colony growth. The printed grid divides the filtration area into 130 squares (each measuring 3.1x3.1 mm) which

makes the counting easier, especially for higher bacteria counts and for micro-colonies, but does not influence the growth. White membranes are most popular for enumerating general bacteria. Gray membranes turn black when wet for facilitating the detection of yeast and molds.



Certified Quality

- Gamma irradiated, 25kGray
- · No enhancement or inhibition by the grid lines

ltem No.	Mfr. Item No.	Description	Qty	Qty Break	Your Cost
3046-05	114H6-47- ACN	White with black grid; high flow membrane	pack/100	1-9 Multi. of 10	63.69 50.94
3046-09	13006-47- ACN	Gray for yeast and molds	pack/100	1-9 Multi. of 10	63.69 50.94

Non-sterile 47 mm Membrane Filters (Sartorius)

Non-sterile, gridded membrane filters can be used for colony counting, particle testing and microscopy. Before usage, the filters first need to be sterilized (e.g. by autoclaving at 121°C). Cellulose nitrate filters (mixed cellulose ester) contain a mixture of cellulose nitrate and cellulose acetate, which assures effective



retention combined with high flow rates and optimal colony growth. Cellulose acetate combines high flow rates and thermal stability with very low adsorption characteristics. Individually wrapped membranes have a 0.45 μm pore size.

ltem No.	Mfr. Item No.	Description	Qty	Qty Break	Your Cost
3046-00	11406-47-N	White with black grid; high flow membrane	pack/100	1-9 Multi. of 10	128.20 103.23

Disposable MicroFunnel™ (Pall)

A disposable filter funnel designed to recover microorganisms in potable water, process water, beverages and other aqueous samples. Converts into a petri dish after filtration with easy entry port for adding nutrient



media, or the membrane can easily be removed and cultured in another petri dish.

Procedure: Remove the MicroFunnel[™] from the sterile package and place it on the manifold/vacuum assembly. Remove lid, pour sample, replace lid and turn on vacuum. Once sample filtration is complete, rinse the inside of the funnel with a sterile buffer solution. Eliminates time-consuming cleaning and autoclaving procedures needed for reusable funnels. Comes completely assembled and sterile. High bacterial recoveries with included GN-6 Metricel[®] membrane (47 mm, 0.45 µm).

Item No.	Description	Qty	Your Cost
3053-91	MicroFunnel™	pack/50	329.00
3053-92	MicroFunnel™ adaptor	pack/3	81.17

Sterile Petri Dishes (Pall)

Available with or without

preloaded absorbent pads. 50 mm X 9 mm size uses 47 mm membranes. Patented design is easily opened with one hand, yet closes to a tight seal. Packaged in a hinged, egg carton-like box, or in a sterile bulk package of 500

units, packaged in plastic sleeves of 25 units each.

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ltem No.	Mfr Item No.	Description	Qty	Your Cost
3053-55	7245	With absorbent pads	pk/100	67.12
3053-57	7242	Without absorbent pads	pk/100	58.76
3053-59	7232	Without absorbent pads	cs/500	204.00

GN-6 Metricel[®] Membranes (Pall)

47 mm diameter. 0.45 µm pore size membrane has a white background and features a dot pattern grid that helps minimize grid line effect on colony growth. Certified by Gelman to be in accordance with the membrane filtration technique referenced in *Standard Methods for the Examination of Water and Wastewater*, 17th edition, 1989, and the USEPA's Microbiological Methods for Monitoring the Environment, Water and Wastes, 1978.

Individually wrapped sterile packages (S-packs)

Item No.	Mfr Item No.	Qty	Your Cost
3053-40	66278	pack/200	147.48



Water and Wastewater Testing



Sterile Biosart® 100 Disposable Monitors (Sartorius)

Specially designed for microbiological testing of beverages and water

These ready-to-use sterile Monitors incorporate a 0.45 µm membrane filter and cellulose pad. Using the supplied adaptor they are placed onto the base of a vacuum manifold. (Fits Sartorius, Millipore, S & S and Gelman.) After filtration, just remove the 100 mL funnel to convert the Monitor into a petri dish.

The major area of application is microbiological analysis of relatively large sample volumes that have a low number of microbes. The quantity can represent either the total bioburden or the detection and quantification of specific microorganisms. The counts are expressed in colony-forming units per 1 mL sample volume (CFU/mL).

- · Safe & reliable: Sterile, individually packaged available, validated, certified membrane filters
- Saves time: Ready to connect; easy to use and practical handling features Economy: High flow rate, large filtration area, high total

Saves money: Only needs a minimal amount of equipment

throughput



3048-20

Vacuum-Pressure **Diaphragm Pump** (Gast)

Free-air capacity of 1.1 cfm

- Oil-less runs dry
- Pressure and vacuum gauges Shaded-pole, ball bearing type, fan-cooled motor
- Thermal overload switch to protect the pump system

Specifications

specifications	
Max vacuum	25.5″ Hg
Max pressure (psi)	60
Free-air capacity	1.1 cfm (31.2 L/min)
Port size	1/4" NPT(F), 3/8" hose barb on gauges
Max temperature	100°F (38°C)
Motor type	permanent split capacitor
Duty cycle	Continuous
hp	1/8
Wetted parts	Aluminum, stainless steel, NORDEL®, NOMEX®
Noise level (dB)	68
Dimensions	7-5/8″L x 5-1/8″W x 10-1/4″H
Amps	4.2
Power	115 VAC, 60 Hz
Stages	Single
Item No.	Your Cost
3054-50	835.04

/11.

Hand Vacuum Pump

Item No.

3053-66

Reads in both cm and inches of mercury. Easy vacuum release valve with disconnecting the pump.

Pump Rate

15mL/stroke



Item No.	Mfr Item No.	Description	Pore Size	Qty	Qty Break	Your Cost
3046-30	16401-47-06-VK	Monitor with 47 mm white membranes and black grid.	0.45 μm	Case/48	1	101.68
		Packaged 2 layers of 24			2+	83.85
3046-31	16403-47-06-VK	Monitor with 47 mm gray (black when wet) membranes and white grid.	0.45 µm	Case/48	1	101.68
		Packaged 2 layers of 24			2+	83.85
3046-27	16401-47-06-ACK	Monitor with 47 mm white membranes and black grid.	0.45 µm	Case/48	1	209.20
		Individually wrapped			2+	172.49
3046-28	16401-47-07-K	Monitor with 47 mm white membranes and black grid. Packaged 4 bags of 12	0.2 μm	Case/48		134.90
3046-29	16403-47-06-K	Monitor with 47 mm gray (black when wet) membranes and white grid. Packaged 4 bags of 12	0.45 μm	Case/48		136.86
3046-32	16403-47-06-ACK	Monitor with 47 mm gray (black when wet) membranes and white grid. Individually wrapped	0.45 μm	Case/48		198.74
3048-20	17846-ACK	Nylon Hydrophilic Syringe filters Indiv. wrapped. 25 mm dia.	0.45µm	pack/50		123.34
3046-34	16401-47-06-K	Monitor with 47 mm white membranes and black grid.	0.45 μm	Case/48	1	131.10
		Packaged 4 bags of 12			2+	108.09
3046-33	16414	Monitor Adapter, silicone		each		24.08



Filter Unit, Type A (Nalgene)

Certified for water quality work, this sterile, disposable, polystyrene filter unit contains a 47 mm, 0.45 µm cellulose membrane for superior recovery and growth of microorganisms. It offers good chemical resistance to dilute acids, aromatic and aliphatic hydrocarbons, and conforms to APHA and Standard Methods. Filter unit is available for use in multiple filtrations. Nalgene®. Item No.





WATER TESTING

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Membrane Filtration

Filtering Bottle, 10000ml **Borosilicate Glass** (United Scientific)

With its thick glass walls and sturdy construction, this 10L bottle/flask is perfect for filtering large volumes of liquid. The thick walls and design enables this flask to withstand vacuum filtration without imploding. Graduated in 1000ml increments on a scale from 2000ml to 8000ml with an accuracy of +/- 5%. Neck size fits a #13 rubber stopper. The hose barb has an O.D. of 1/2".

Item No.	Mfr Item No.	Description	Your Cost
2058-08	FFB5340-10000	Filtering Bottle, 10000ml	341.48
3061-50	RST13-H	# 13 Rubber Stopper with one hole for Filtering Bottle	14.98

Filtering Flask, **Borosilicate Glass**

Heavy wall filtering flask includes a bolt neck with tubulation.

Borosilicate glass flasks are designed to give the best combination of thermal shock resistance and physical strength. Feature heavy-duty rims and printing in durable white enamel.

Item No.	Capacity (ml)	O.D. x Height (mm)	Qty Break	Your Cost
2058-10	500	108 x 190	1	28.53
			2+	19.21
2058-11	1000	138 x 245	1	42.55
			2+	28,48

Filtering Flask with Side Arm (Bel-Art)

Unbreakable polypropylene

These flasks, also called vacuum flasks, have a side-arm with a 45° downward angle to prevent tipping.

- Reduce broken glassware with this flask constructed of FDA grade polypropylene
- Side Arm accepts flexible tubing from 3/8" to 1/2" I.D.
- 1000 ml capacity

Item No.	Description	Mfr Item No.	Your Cost
2058-12	Flask	389410000	40.39
2058-13	Tubing coupler connects item 2058-12 (polypropylene flask) with 3053-66 (hand vacuum pump)		1.01

Weber Filter Flask Stopper

Stopper with hole fits 2058-10, -11, -12 Filter Flasks.

Item No.	Description	Size	Your Cost
2058-21	Stopper fits 2058-12		11.14
2058-29	Stopper fits 2058-10		9.25
2058-30	Stopper fits 2058-11		10.03

MicroCheck[®] II **Beverage Monitors** (Pall/Gelman)

Easy-to-use Disposable Filter Funnel to Meet Microbial Analysis Needs for Beverages

- Can convert to a Petri dish for culturing or easily remove the membrane for placing on separate agar dish.
- Ready to use; simply remove from box and place directly on a filter manifold. No need for rubber stoppers or adapters.
- Volume graduations are marked clearly for easy reading
- Volume graduations marked externally on the funnel to prevent potential hold-up of organisms, meets guidelines listed in Standard Methods for the Analysis of Water and Wastewater, current edition.

Sterilization, Gamma Irradiated

ltem No.	Mfr Item No.	Pore Size	Details	Qty.	Your Cost
3054-00	4761	0.45 µm	Monitor with 47 mm white GN-6 Metricel membrane, Black grid	Case/50	159.33
3054-04	4763	0.45 µm	Monitor with 47 mm Metricel black membrane, white grid	Case/50	159.33
3054-06	4764	0.8 µm	Monitor with 47 mm Metricel black membrane, white grid	Case/50	159.33

47 mm Magnetic **Filter Funnel** (Pall/Gelman 4201)

Patented twin magnet design ensures a no-leak seal between the funnel body and stem. Autoclavable polysulfone. 300 mL capacity. All funnels come without lids.



	Mfr		Your
Item No.	Item No.	Capacity, mL	Cost
3053-73	4247	150	286.00
3053-75	4242	300	322.00
3053-77	4238	500	353.00

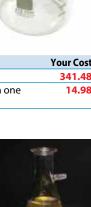
Tygon[®] S3[™] E-3603 **Laboratory Tubing**

Phthalate-free Formulation

- Outstanding chemical resistance
- Contains no BPA or phthalates
- Hold U.C. S full vacuum at room
- temperature Lot-to-lot consistency for reproducible results
- Non-oxidizing and non-contaminating
- New bio-based formulation delivers the same excellent performance Smooth, polished inner wall
- Slips easily over fittings and grips securely for simple lab set-ups

Ships cashy over mangs and ghips securely for simple lab secures				
Item No.	Size	Qty	Qty Break	Your Cost
3058-19	5/16" ID x 1/2" OD x 3/32" Wall	1 foot	1-49	6.39
	(for use with 2058-10 & 2058-11)		Multi.of 50	4.12
3058-21	3/8" ID x 9/16" OD x 3/32" Wall	1 foot	1-49	8.30
	(for use with 2058-12)		Multi.of 50	5.73

219





Do you spend a lot of resources sending Hg samples out for low-level analysis?

In-house mercury analysis is easier than it sounds. Schedule a call with your Weber Scientific account manager today to discuss how you can save money and time by switching to in-house mercury analysis.



Automated Mercury Systems

Increase your lab's productivity and minimize risk of contamination. These modular, automated systems provide proven accuracy and reliability while conserving valuable time and skilled resources. Conduct mercury analysis overnight or concurrent with other tasks.



EBER SCIENTIFIC

MERX-M Methylmercury System For US EPA Method 1630 Starting at \$43,050.95



MERX-T Automated Total Mercury System For US EPA Method 1631 Starting at \$35,650.95



MERX-T-DP Automated Total Mercury System For US EPA Method 245.7 Starting at \$22,950.95

Manual Mercury Systems

The flexible, economical choice for hands-on mercury analysis and educational applications, manual modular systems can be easily adapted to an automated configuration using the same detector and software.



Methylmercury Manual System For US EPA Method 1630 Starting at \$26,150.95



Total Mercury Manual System For US EPA Method 1631 Starting at \$19,650.95



Gaseous Mercury Manual System Starting at \$17,385.95

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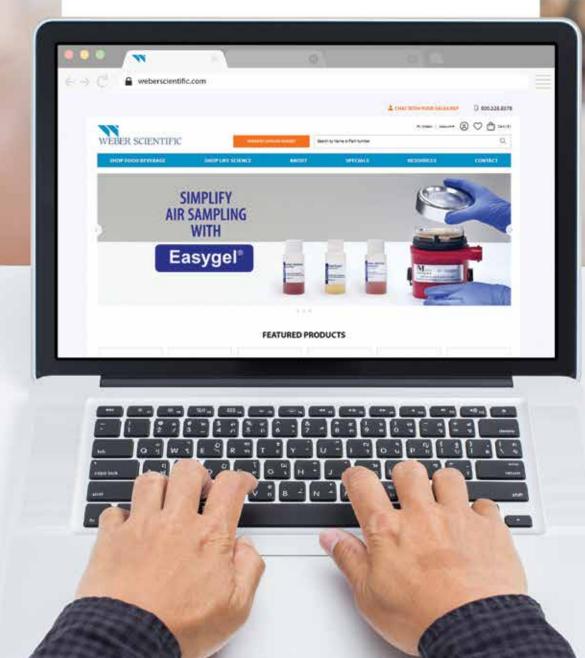
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