



Peel Plate® Colony Counter

Advancement in Food Safety Monitoring



Simplify Food Safety Monitoring

- **Portable** - The Charm Peel Plate Colony Counter is a stand alone unit that does not require a separate computer connection.
- **Accurate** - Increase productivity and reduce human error with accuracy within 10 % of an experienced microbiologist's visual count. The Peel Plate Colony Counter is able to detect and quantify spreader colonies on Peel Plate tests.
- **Reliable Calibration Check** - Safeguard test results by stopping testing when out of specification. Frequency of calibration checks are customized to occur on start-up and after a programmed number of Peel Plate tests have been counted.
- **Review Results** - Raw images, processed images, and test results are all stored as .jpgs. Results can be reviewed by users and administrators as .csv files or exported directly into an SQL (or compatible) database.
- **Secure and Customizable** - Two different user levels allow for Operators to run tests and review results and Administrators to archive data, set up new Operators, and set up new Peel Plate types.

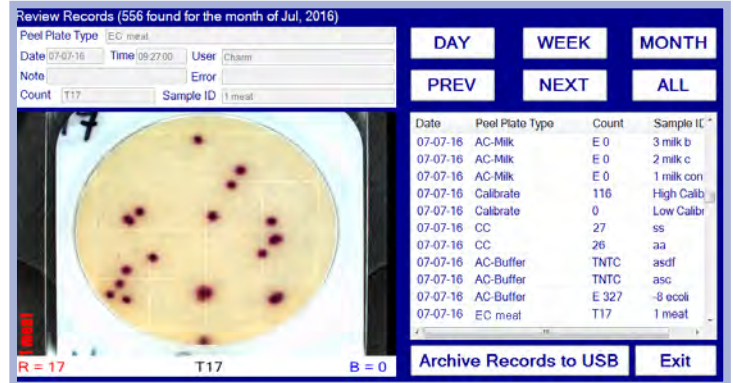
Technology Designed for Accurate and Reliable Counting of Microbial Colonies





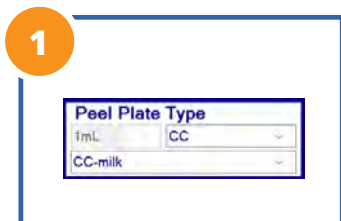
Result Review

- **Count Images** - The Peel Plate Count images circle the colonies counted on each test result. The images are saved as .jpeg and viewable.
- **Review Counts** - All Data is reviewable by day, week, month, with the touch of a button. Each test result includes the Peel Plate Type, Date, Time, User name, Sample ID, Dilution, Color Count (EC test only) and Total Count, Note, and Error.
- **Archive Records to USB** - Two different user levels allow for Operators to run tests and review results and Administrators to archive data, set up new Operators, and set up new Peel Plate types.

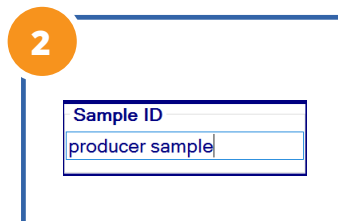


Review Records - Charm's Peel Plate Colony Counter software provides complete data management

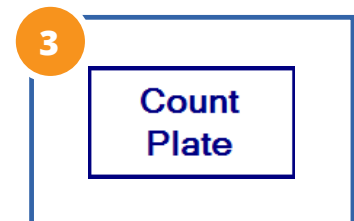
How to Run a Test



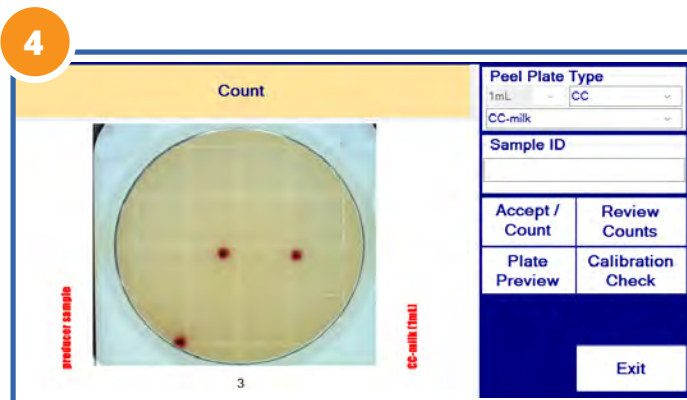
1 Select Peel Plate Type and Product Channel



2 Enter Sample ID Type



3 Press Accept/Count Next Plate



4 Results on counter

The Peel Plate Colony Counter is the best system for accurate and reliable counting of microbial colonies.

Maximize Your Investment

One Instrument Supports Multiple Tests:

The Charm Peel Plate Colony Counter analyzes a variety of 1 mL Peel Plate Microbial Tests.



Peel Plate[®] AC
AEROBIC COUNT

Charm Peel Plate AC
Microbial Tests (Aerobic Count)



Peel Plate[®] CC
COLIFORM COUNT

Charm Peel Plate CC
Microbial Tests (Coliform)



Peel Plate[®] EB
ENTEROBACTERIACEAE COUNT

Charm Peel Plate EB Microbial
Tests (Enterobacteriaceae)



Peel Plate[®] EC
E. COLI AND COLIFORM COUNT

Charm Peel Plate EC Microbial
Tests (E. coli and Coliform)



Peel Plate[®] HET
HETEROTROPHIC COUNT

Charm Peel Plate HET Microbial
Tests (Heterotrophic)



Peel Plate[®] YM
YEAST AND MOLD COUNT

Charm Peel Plate YM Microbial
Tests (Yeast and Mold)



Peel Plate[®] SA
STAPHYLOCOCCUS AUREUS

Charm Peel Plate SA Microbial
Tests (*Staphylococcus aureus*)

Benefits of Charm Peel Plate Microbial Tests

- Ready-to-use. Just add sample/dilution. No spreading device needed
- Etched grid lines for estimated counts.
- Colonies easily picked for additional isolation/classification.
- Convenient plate stacking for improved air circulation.
- Buffered formulation – pH adjustment is not required for most samples.
- 12 month shelf-life in a resealable foil zip bag.
- 47 mm diameter convenient for sample filters for 100 mL samples or larger, like water, wine and beverages.
- Robust performance with neutralizing buffers used in environmental surface samples.

Simple Procedure

Clear and accurate results:



Peel



Vertically Pipet
within 2 to 3 seconds



Seal



Incubate
at specified temperature
and times



Count



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