

# Peel Plate® Colony Counter II

Advancement in Food Safety Monitoring - Counts Both 1 mL and 5 mL Peel Plate Types



## Simplify Food Safety Monitoring

- **Portable** The Charm Peel Plate Colony Counter is a stand-alone unit that does not require a separate computer connection.
- **Flexible** Supports 1mL and 5mL Peel Plate tests, including aerobic count, coliform, *E. coli*/total coliform, Enterobacteriaceae, *Staphylococcus aureus*, yeast count, total yeast and mold, and heterotrophic count.
- **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.
- **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.

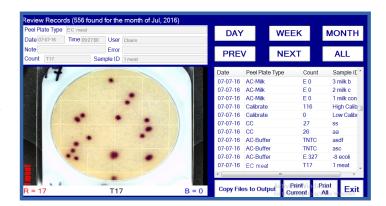
# Technology Designed for Accurate and Reliable Counting of Microbial Colonies





#### **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.

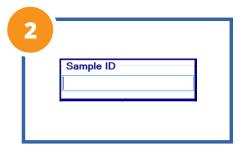


**Review Records** - Charm's Peel Plate Colony Counter software provides complete data managment

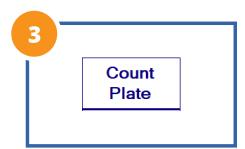
#### How to Run a Test



Select Peel Plate Size and Product Type



**Enter Sample ID Type** 



**Press Count Plate** 



**Results on Counter** 

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

#### Maximize Your Investment

#### **One Instrument Supports Multipe Tests:**

The Charm Peel Plate Colony Counter II analyzes a variety of 1 mL and 5 mL\* Peel Plate Microbial Tests.





Charm Peel Plate AC Microbial Tests (Aerobic Count)





Charm Peel Plate CC Microbial Tests (Coliform)





Charm Peel Plate EB Microbial Tests (Enterobacteriaceae)





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





Charm Peel Plate HET Microbial Tests (Heterotrophic)





Charm Peel Plate YM Microbial Tests (Yeast and Mold)





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





Charm Peel Plate Y Microbial Tests (Yeast)

# **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.
- Select from 1 mL volume size 47 mm diameter plate or 5 mL volume size 75 mm plate. Both support larger volume filtered samples for water, wine and beverages.
- Robust performance with neutralizing buffers used in environmental surface samples.

\* Peel Plate AC, HET, SA and Y are not available in 5 mL (High Volume).

### Simple Procedure

#### **Clear and Accurate Results:**



Peel



Vertically Pipet within 2 to 3 seconds



Seal



Incubate
at specified temperature
and times



Count





