



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

Ergonomic Design

A durable molded casing

Touch Screen

Simple menu selection

Ergonomic Plate Nest

No lids or latches



Bluetooth



Wireless keyboard / touch pad

Ethernet

Onboard Ethernet for exporting data to network or external SQL database.

USB Port

Optional barcode scanner



12V Input

USB Port

Real-time print option

Power On/Off

Barcode Scanner
For rapid sample ID entry



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.

Date	Peel Plate Type	Count	Sample ID
07-07-16	AC-Milk	E 0	3 milk b
07-07-16	AC-Milk	E 0	2 milk c
07-07-16	AC-Milk	E 0	1 milk con
07-07-16	Calibrate	116	High Calib
07-07-16	Calibrate	0	Low Calibr
07-07-16	CC	27	ss
07-07-16	CC	26	aa
07-07-16	AC-Buffer	TNTC	asdf
07-07-16	AC-Buffer	TNTC	asc
07-07-16	AC-Buffer	E 327	-8 ecoli
07-07-16	EC meat	T17	1 meat

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

How to Run a Test

1

2

3

Select Peel Plate Size and Product Type

Enter Sample ID Type

Press Count Plate

4

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 Multiple Tests:

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



Peel Plate® AC AEROBIC COUNT

Charm Peel Plate AC Microbial Tests (Aerobic Count)



Peel Plate® EB ENTEROBACTERIAEAE COUNT

Charm Peel Plate EB Microbial Tests (Enterobacteriaceae)



Peel Plate® HET HETEROTROPHIC COUNT

Charm Peel Plate HET Microbial Tests (Heterotrophic)



Peel Plate® SA STAPHYLOCOCCUS AUREUS

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



Peel Plate® CC COLIFORM COUNT

Charm Peel Plate CC Microbial Tests (Coliform)



Peel Plate® EC E. COLI AND COLIFORM COUNT

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



Peel Plate® YM YEAST AND MOLD COUNT

Charm Peel Plate YM Microbial Tests (Yeast and Mold)



Peel Plate® Y YEAST

Charm Peel Plate Y Microbial Tests (Yeast)

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

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.

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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