

SINCE 1978



OPTICS TECHNOLOGY

Manufacturer & Exporters of : LABORATORY TESTING INSTRUMENTS



An ISO 9001:2008 CERTIFIED
An ISO 10002:2004 CERTIFIED

CE Certified

Colony Counter (Digital)



Colony Counter (Digital)

Dark Field Illumination. Bright Dividing Lines. Oblique Non-Glare Bright Light (20 W) for uniform illumination. Variable Focus. Automatic Registration through resettable electromagnetic counter. Marking Pen for accurate counting. With three Digit Display 0-999 and four Digit Display 0-9999 Magnifying glass is also provided.

Counting is retransfer at Digital Panel, re-settable solid setting counter, a magnifying glass is provided. A fluorescent light is provided for uniform light illumination.

The front surface is inclined at an angle found comfortable for most technicians. The instrument is styled to conform with the modern laboratory style and finished in silver ash.

Resettable electromagnetic counter provides instant, cumulative and accurate recording of colony counts, phase and bacterial genetics. The counter is energized by a switch in the pen. This micro current is then amplified through a solid state circuit to operate the electromagnetic counter. It needs no warm-up, permits counting speeds of up to 12 counts per second without sputtering and eliminate drudgery and the change of error.

This marking pen necessary for the counter permits accurate counting of growths in colonies in closed petri dishes. It is especially valuable when working the pathogens or when a contamination free culture is desired.

The marking pen is replaceable and is commercially available. The ink used in the pens also available in variety of colours in the market if different markings are desired.

The marking pen also be used in conjunction with the disposable membranes. The wet membranes could be fixed at the back of the petri dish for counting. After counting, the sheets can be indexed, dried and stored for reference.

Available in models of

- 3 digit display (Upto 999 counts)
- 4 digit display (Upto 9999 counts)
- 6 digit display (upto 999999 counts)

In different outer body construction like M.S. Body duly powder coated / S.S. 304.

IMPROVED MODEL OF COLONY COUNTER

The improved OPTICS TECHNOLOGY Colony Counter reveals colonies of bacteria clearly attains a dark background. The illumination is brighter and completely uniform.

The oblique light (which cannot glare into the eyes of the observer) illuminates the colonies so that they appear as brilliant spots or points on a subdued background. This principle increases the contrast between the colonies and the culture medium. It improves the visibility so that very small colonies can be seen. As a result the observer works efficiently and obtains accurate data quickly.

Available is models with Body construction as above.



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