

# Microprocessor Colony Counter

1361, 1362 & 1363



1 Year  
Warranty

Microprocessor Colony Counter is a solid state microcontroller based instrument designed for quick and accurate counting of bacterial & mould colonies in petri dishes. The instrument uses the latest microprocessor technology and advanced engineering techniques so as to give enhanced accuracy and reproducibility.

The system has 6 soft touch membrane type keys for ease of operation. It has a 'Reset' key to reset the digital count. Any unwanted count can be removed by pressing the 'Correct' key. A built-in averaging facility allows the calculation of average colony counts using multiple dishes. It has the storage facility for 100 result-counts which are retained in the memory even when the instrument is switched off. A 'Recall' key is provided to retrieve the stored result colony counts from the instrument memory.

Optimum viewing of colonies is aided by peripheral glare free illumination graticuled disc provided in the instrument. The magnifier magnifies the colony area. This is an indispensable tool for the microbiologist.

- Readout from 0 - 999999 Counts
- Count Correction Facility
- Average Mode
- Result-Count Storage
- Audible Confirmation of Each Count
- Auto Marker Pen
- Uniform Glare Free Illumination
- Wolffhugel Glass Grid with Focussing Facility
- LED Based Illumination



## Colony Counter 1361, 1362 & 1363

### Technical Data

MODEL	1361	1362	1363
DISPLAY	3 - Digit Seven Segment LED	4 - Digit Seven Segment LED	6 - Digit Seven Segment LED
MAX COUNTS	999	9999	999999
KEYBOARD	6 soft touch membrane keys		
CORRECTION	Correction count facility available to cancel the unwanted counts		
STORAGE	100 Result-count storage retained even if the system is switched off		
AVERAGE	Average mode facility available		
DISH SIZE	110 mm		
MAGNIFICATION	x 1.7 surface magnification		
DIMENSIONS (L x B x H)	Instrument : 225 x 250 x 280 mm (Approx.) Packing Box :320 x 300 x 265 mm (Approx.)		
WEIGHT	3 Kg. (Approx.)		
POWER	230 V $\pm$ 10% AC, 50 Hz		
STANDARD ACCESSORIES	Marking Pen, Magnifying Lens, Lens Holder, Instruction Manual, Dust Cover		

Note: Specifications are subject to change due to continuous improvements.

### Product Range

Semi Auto Analyser, Double Beam UV/VIS Spectrophotometer, Single Beam UV/VIS Spectrophotometer, Flame Photometer, Haemoglobin Meter, Photo Colorimeter, pH Meter, Conductivity Meter, TDS Meter, DO Meter, Salinity Meter, Turbidity Meter, Nephelometer, Colony Counter, Karl Fischer Moisture Titrator, Photo Fluorometer, Dissolution Test Apparatus, Disintegration Test Apparatus, Friability Test Apparatus, Melting Point Apparatus, Telethermometer, Temperature Indicator, Water & Soil Analysis Kit, Portable pH Meter, Portable Conductivity Meter, Portable TDS Meter, Portable DO Meter, Student Microscope, Binocular Microscope, Medical Microscope, Co-Axial Microscope. Apparatus, Digital Friability Test Apparatus.