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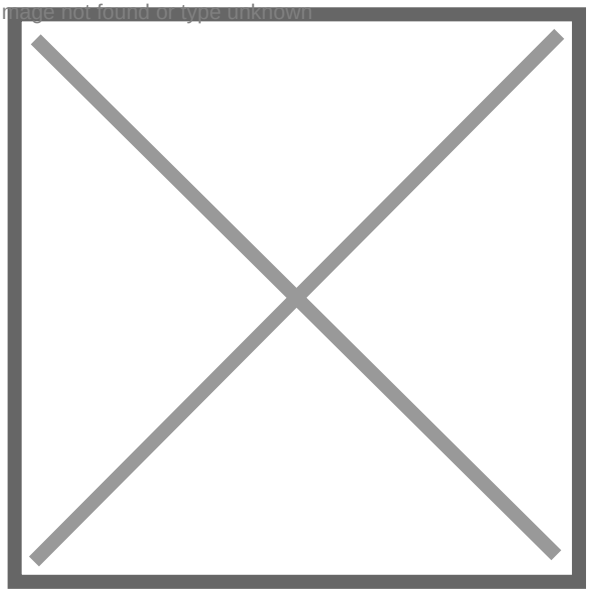
Product Name :

Colony Counter

Product Code :

SCI-2429/036

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Science Lab
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Description :

Colony Counter (Product Code: SCI-2429/036) is a digital instrument used to count bacterialand mould colonies on petri dishes in microbiology teaching and testing laboratories. Collegestudents and lab staff touch each colony with a felt-tipped electronic pen, and pressure-sensitivecounting adds it to a 3-digit LED display reading 0 to 999, with an audible confirmation. Thisdigital colony counter is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala,a laboratory equipment supplier in India.

Specifications

Parameter	Detail
Display	Digital, 3-digit LED
Count range	0–999
Counting method	Pressure-sensitive; each colony is touched with the electronic pen, which marks the dish with a felt tip
Memory and correction	Memory storage with count correction
Zeroing	Auto zero by pressing zero
Average count	Average count facility
Confirmation	Audible signal for each count
Background	Choice of light or dark
Dish size	50–100 mm
Main parts	Counter, sensor and counting cell
Electrical supply	240 V
Suitable for	College student use
Product code	SCI-2429/036
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Colony Counter Used For?

Plate counts sit at the heart of many practicals: estimating viable bacteria in water, milk or soil dilutions, comparing growth on different media, or showing how a disinfectant reduces survivors. After incubation the dish goes on the counting cell, the background is switched to light or dark to suit the colony colour, and each colony is touched with the pen. The felt tip leaves a dot so the same colony is not counted twice, while the counter adds one and beeps.

Press zero before starting each new plate, use count correction to remove a mistaken touch, and use the average count facility when a group counts replicate plates from the same dilution. Choosing a dilution that gives well-separated colonies makes counting quicker. The simple interf l as routin

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