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Product Name :

Analogue Voltmeter

Product Code :

SCL1589/028



Description :

Analogue Voltmeter (Product Code: SCL1589/028) measures DC potential difference on asingle 0–10 V range, read in 0.1 V divisions on a pointer scale that starts from a left-hand zero. Azero-position adjustment keeps the pointer true between lessons, and the stationary 100 x 100 x140 mm case sits squarely on a student bench. It is the voltage half of the classic ammeter and voltmeter set used in school physics practicals across India, covering the low-voltage DC circuits built from cells and bench supplies. The voltmeter is manufactured in Ambala by **Jain Scientific Equipments Pvt Ltd (ScienceLab)** for student benches and teacher demonstrations.

Specifications

Parameter	Detail
Current type	DC
Measuring range	0–10 V
Scale division	0.1 V
Zero position	Left zero indicator, with zero-positionadjustment
Construction	Stationary (bench) instrument
Dimensions	100 x 100 x 140 mm

Typical Use

A voltmeter is always connected in parallel, across the component whose potential difference is being measured, with its positive terminal towards the positive side of the supply. On this meter the fine 0.1 V divisions let students record voltage across a resistor, a lamp or a cell to one decimal place, which is exactly what is needed to draw a smooth V–I graph, compare the terminal voltage of a cell with and without a load, or check how potential difference is shared between resistors in series.

Before each practical, confirm the pointer rests on zero and adjust it if necessary. Keep circuits within the 10 V full-scale value — if a supply could exceed it, switch the supply to a lower setting first. Pairing the voltmeter with the matching DC ammeter gives students a consistent set of instruments for AC DC circuits experiment kit activities and Ohm’s law investigations.

Manufacturer

This voltmeter is one of the electrical measuring instruments made by Jain Scientific Equipments Private Limited, which operates as ScienceLab from Ambala, Haryana. You can read about the company’s background and product range on its profile page.

Related Lab Equipment

Pair the voltmeter with these items for complete DC circuit practicals: