Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Ammeter Voltmeter

Product Code :

SLE/PHY/02



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Description :

Ammeter Voltmeter (Product Code: SLE/PHY/02) is an analogue dual-purpose meter used to measure DC current and DC voltage in school and college electricity practicals. A slide selector switches between amps and volts, bringing in the internal shunting automatically, while four ranges on each function run from 100 µA to 5 A and from 100 mV to 50 V. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, to schools, colleges and laboratory dealers as part of its range of physics lab equipment in India.

Specifications

Parameter	Detail
Function	Measures current and the voltage between two points in an electric circuit
Selector	Slide selector for amps/volts; automatically selects internal shunting, indicates whether the meter is on amps or volts and secures the input sockets against incorrect connection
DC current ranges	100 µA, 100 mA, 1 A and 5 A (dual scale)
DC voltage ranges	100 mV, 1 V, 10 V and 50 V (dual scale)
Display	Analogue, quadruple range
Input connection	Dual 4 mm or terminal-type connection
Zero setting	Screw adjustment on the front of the meter
Dimensions	160 × 114 × 60 mm
Product code	SLE/PHY/02
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Ammeter Voltmeter Used For?

One instrument covers both readings that most DC practicals need. Set the slide to amps and connect the meter in series to measure current, from the microamp level of a high-resistance circuit up to 5 A for lamps and heating coils; slide to volts and connect it in parallel to read potential difference from 100 mV to 50 V. Teachers choosing an ammeter voltmeter for school labs in India use it for Ohm’s law, internal-resistance and cell-emf experiments.

Choose the highest range first and step down until the needle gives a clear reading. Reset the pointer with the front zero screw before each session, and never connect the meter in series while set to volts or across a supply while set to amps. A bench that must read current and voltage at the same moment needs two meters, so plan quantities per bench accordingly.

Supplier

Jain Scientific Equipments Private Limited trades as ScienceLab and supplies this Ammeter Voltmeter from Ambala, Haryana, India, as part of its range of meters for school and college electr
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