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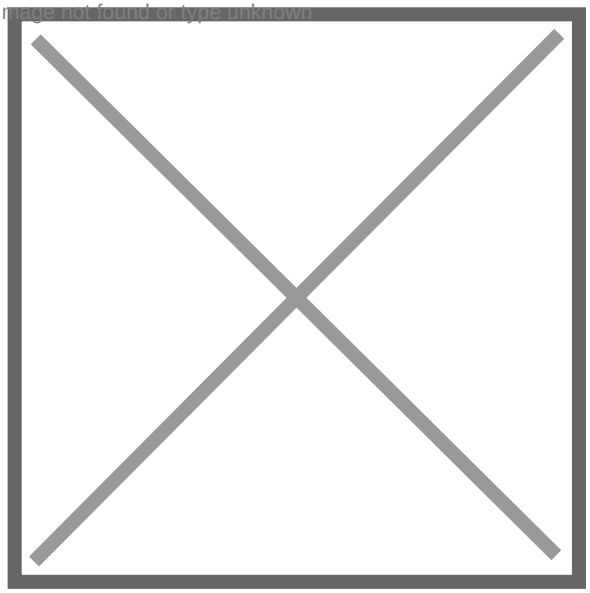
Product Name :

Ohm's Law Apparatus

Product Code :

SCL-337/067

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Description :

Ohm's Law Apparatus (Product Code: SCL-337/067) is a pre-wired circuit unit used to verify Ohm's law by measuring the current through an unknown resistance at different voltages inschool and college physics laboratories. It combines two moving-coil meters, a 5 V voltmeter anda 500 mA milliammeter, with a wire-wound potentiometer, making it a compact Ohm's lawexperiment kit for practical classes. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Construction	Complete circuit mounted in a wooden box, with the circuit diagram printed on the front panel
Meters	Two moving-coil meters for voltage and current: voltmeter 5 V and milliammeter 500 mA (listed as mounted in a spray-painted metal box with terminals)
Voltage control	One wire-wound potentiometer
Unknown resistance	Two 4 mm socket terminals
Supply input	Two 4 mm socket terminals for DC supply
Switch	One ON/OFF switch on the front panel
Also listed	Step-down transformer and lead wire (ask us to confirm the output voltage)
Product code	SCL-337/067
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Ohm's Law Apparatus Used For?

Students connect a resistor across the unknown-resistance sockets, switch on, and turn the potentiometer to raise the voltage in steps, noting the voltmeter and milliammeter readings each time. A straight-line graph of voltage against current passing through the origin verifies Ohm's law, and its slope gives the resistance.

Because the circuit is already wired and drawn on the front panel, practical time goes into measuring and graphing rather than connecting loose meters, which suits large classes. Keep the current within the 500 mA range, switch off before changing resistors, and use 4 mm leads for secure connections.

What to Specify When Ordering

- Number of units required for your laboratory.
- Whether the step-down transformer and lead wire should be included, and the mains
-

OEM

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