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Product Name :

Ohmmeter Series Type

Product Code :

SLE/ME/55



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Description :

Ohmmeter Series Type (Product Code: SLE/ME/55) is an analogue meter used to measure resistance in electric circuits over a 0-100 ohm range in school and college physics practicals. Its dry battery cell is fixed to the stand from the bottom side, and the meter is housed in an unbreakable case with a clear front cover. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Range	0-100 ohms
Function	Measuring resistance in electric circuits
Power source	Dry battery cell, fixed to the stand from the bottom side
Housing	Unbreakable case with clear front cover
Product code	SLE/ME/55
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Series Type Ohmmeter Used For?

A series type ohmmeter measures an unknown resistance by driving a small current from its own cell through the meter and the resistor connected in series. The lower the resistance, the larger the current and the further the pointer moves, so the scale runs in the opposite direction to an ammeter and is not evenly spaced. Students use it to check resistors, coils, lamp filaments and connections, and to compare measured values with results from an Ohm's law experiment.

Always switch off and disconnect the power supply before measuring, because the ohmmeter supplies its own current and an external source can damage the movement or give false readings. Take the component out of the circuit where possible, keep measurements within the 0-100 ohm range and check the cell regularly, as a weak cell shifts the readings. The clear front cover lets the class watch the pointer without opening the case.

OEM Manufacturer

Jain Scientific Equipments Private Limited, which trades as ScienceLab, is the original equipment manufacturer (OEM) of the Ohmmeter Series Type. The meter is made at the company's licensed factory at Saha, Ambala, Haryana, India, and goes factory-direct to schools, colleges, training institutes, dealers and importers without a trading intermediary.

Quotations come straight from the manufacturer, and requests for spare parts or matching meters for additional lab benches can be raised with the same team — ask us about current availability. See the company profile for background on ScienceLab.

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