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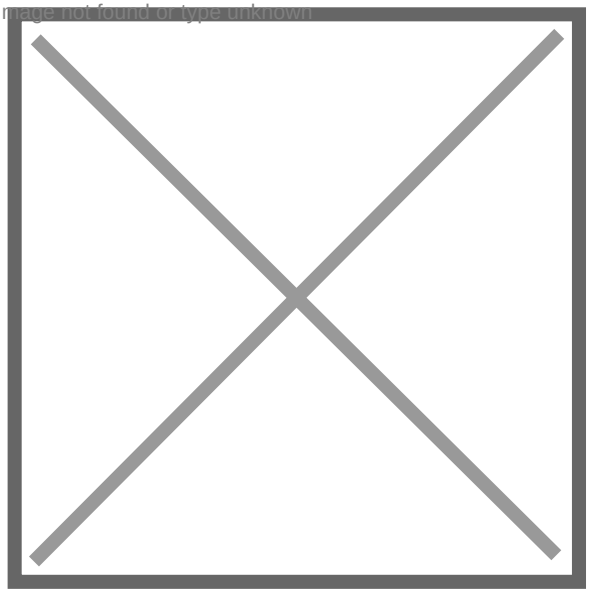
Product Name :

Galvanometer

Product Code :

SCL-537/018

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Description :

Galvanometer (Product Code: SCL-537/018) is a centre zero moving coil meter with a 50 µA–0–50 µA range, used to detect small currents and show their direction in physics and chemistry practicals. Students use it as the null detector on meter bridges and potentiometers, and its 1000 ohm movement has diode protection against overload up to 12 V DC. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of chemistry lab equipment in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Type	Centre zero universal meter (universal galvanometer)
Electrical design	Electrically identical to the universal meter
Range	50 µA–0–50 µA
Movement	1000 ohm, moving coil
Overload protection	Diode protection up to 12 V DC
Suited to	Use as an indicator in slow AC
Product code	SCL-537/018
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Centre Zero Galvanometer Used For?

The centre zero scale is what makes this meter useful for balance experiments. On a meter bridge, Wheatstone bridge or potentiometer, students slide the jockey along the wire and watch the needle swing one way, then the other, until it rests at zero; that null point gives the balancing length from which resistance or EMF is calculated. Because the needle deflects in either direction, it also shows the changing direction of an induced current when a magnet is pushed into and pulled out of a coil, the kind of slow AC indication it is suited to.

For bridge work, start with a high resistance in series or a shunt across the meter, tap the jockey rather than dragging it, and remove the protection only when close to balance. The diode protection against overload up to 12 V DC adds a margin for mistakes, but students should still check the circuit before closing the key. Store the meter flat and away from strong magnets so it stays a dependable part of your physics lab equipment in India.

OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is the OEM (original equipment manufacturer) of this centre zero Galvanometer and builds it at its own licensed factory at Saha, Ambala, Haryana, India. Schools, colleges, dealers and importers buy it factory-direct[illegible]ask us.

Buye[illegible]gal