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Product Name :

Galvanometer 50-0-50mV

Product Code :

SLE/PHY/181



Description :

Galvanometer 50-0-50mV (Product Code: SLE/PHY/181) is a centre-zero moving coil meter with a 50-0-50 scale, used for DC-only readings that can swing either side of zero in school and college electricity practicals. Its colour-coded 4 mm socket terminals make it a quick-to-wire galvanometer for school labs in India. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India; please confirm the range unit (mV or mA) when ordering, as explained below.

Specifications

Parameter	Detail
Movement	Moving coil
Scale	50-0-50, centre zero
Range unit	Product name states mV; an earlier listing stated mA — confirm the unit when ordering
Current type	DC only
Terminals	Colour-coded 4 mm sockets
Product code	SLE/PHY/181
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the 50-0-50 Galvanometer Used For?

With its pointer resting at the middle of the scale, this meter shows both the size and the direction of a small DC reading. Typical uses are electromagnetic induction demonstrations, where a magnet pushed into a coil and pulled out swings the needle one way and then the other, and null-point detection in bridge and potentiometer circuits.

Connect it only to DC circuits and follow the colour coding on the terminals. When trying a new circuit, put a rheostat or high resistance in series first so the pointer stays on scale, then reduce it gradually. It pairs naturally with the coils and magnets of an electromagnetic induction kit.

What to Specify When Ordering

- The range unit you need — millivolts (as in the product name) or milliamps.
- Quantity, for example one meter per practical bench.
- Any connecting leads, rheostats or low-voltage power supplies to quote together.

Manufacturer

Jain Scientific Equipments Private Limited trades as ScienceLab and manufactures this 50-0-50 galvanometer in Ambala, Haryana, for schools, colleges, institutions, dealers and importers in India and international markets. It is offered so that a lab can source its meters, leads and power supplies together on one quotation.

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