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Product Name :

Electroscope, Gold Leaf

Product Code :

SLE/PHY/167



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Description :

Electroscope, Gold Leaf (Product Code: SLE/PHY/167) is a metal-cased electrostaticinstrument used to detect charge and compare its size in secondary school and college physicslabs. A single gold leaf attaches to a metal plate held on an insulating bush, and a scale letsstudents measure how far the leaf deflects. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM and physics instruments supplier in India, at its own factory inAmbala, as part of its range of physics lab instruments.

Specifications

Parameter	Detail
Design	Dual purpose gold leaf electroscope
Leaf mounting	Metal plate to which a single gold leaf may be attached
Insulation	Plate supported by an insulating bush
Housing	Metal case
Earthing	4 mm socket earthing terminal
Measurement	Scale provided for measuring the deflection of the leaf
Spares	Replacement gold leaves available separately
Product code	SLE/PHY/167
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Gold Leaf Electroscope Used For?

With its scale, this electroscope takes students beyond a yes-or-no answer: they can compare deflections when a rod is rubbed with different cloths, watch the leaf fall as charge leaks away, and record the results in a table. The earthing terminal takes a 4 mm lead, so the case can be earthed whenever an experiment calls for it, and the instrument works well alongside Faraday's pails for charge-distribution studies.

Charging by induction is a classic exercise: hold a charged rod near the plate, touch the plate briefly to earth, remove the earth connection and then the rod, and the leaf stays deflected with the opposite charge. Store the electroscope in a dry cupboard, because moisture on the insulating bush lets charge leak away and shortens readings.

What to Specify When Ordering

- The number of instruments for demonstration or group practicals.
- The quantity of replacement gold leaves, which are supplied separately.
- 4 mm earthing leads, if your lab does not already stock them.
- Charging accessories such as friction rods, cloths or a proof plane.

OEM

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