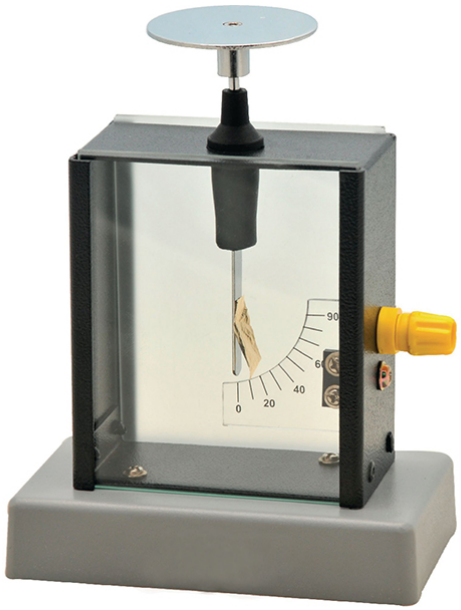
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Product Name :

Electroscope with Accessories

Product Code :

SCL1357/021



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Description :

Electroscope with Accessories (Product Code: SCL1357/021) detects electric charge: an electrode carrying one or two thin metallic sheets is fixed in a plastic support with two transparent glass sides, and when the electrode is touched with an electrified rod the sheet or sheets swing away from their rest position. It is a basic piece of electrostatics apparatus for school physics rooms, where it forms the core of many an electricity experiment kit for school classes.
Jain Scientific Equipments Pvt Ltd (ScienceLab) makes this electroscope in Ambala forschool and college laboratories.

Key Details

Parameter	Detail
Type	Leaf-type electroscope
Sensing element	Electrode with one or two thin metallic sheets attached
Housing	Plastic support with two transparent glass sides
Operating principle	Touching the electrode with an electrified rod makes the sheet(s) deviate from the equilibrium position
Supplied as	Electroscope with accessories (confirm the accessory list with your quotation)
Suitable for	Electrostatics demonstrations and student practicals

Typical Use

Rub a rod with a suitable cloth and touch it to the electrode: the metallic sheets take on the same charge, repel each other or the fixed electrode, and open out behind the glass windows. From there teachers can show charging by contact and by induction, compare how strongly different rods charge, and identify an unknown charge by watching whether the divergence grows or shrinks when a rod of known charge approaches. Touching the electrode with a finger earths it and lets the sheets fall back.

Electrostatics works best in dry air, so run the demonstration away from open windows on humid days and keep the glass sides and electrode free of dust and fingerprints. Among physics lab instruments in India this is one of the first that students meet when they study charge, and it pairs well with other electrostatic apparatus for later lessons.

Manufacturer

The electroscope is produced by Jain Scientific Equipments Private Limited, which trades as ScienceLab from Ambala, Haryana, and supplies teaching apparatus to schools, colleges and distributors; our company profile has more background. Purchase departments that need vendor registration details can use GSTIN 06AAECJ8618A1ZT and LEI 3358004HRD1JIVXKYX49.

Related Lab Equipment

Thes

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