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Product Name :

Rods (wands) to Study Electrification

Product Code :

SCL2309/033



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Description :

Rods (wands) to Study Electrification (Product Code: SCL2309/033) are hand-held rods used in school electrostatics lessons to show how objects become charged when they are rubbed, and how charged objects attract or repel one another. Teachers use them for quick front-of-class demonstrations and students use them in simple bench activities. As part of the physics lab equipment range for schools in India, they are offered by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Key Details

Parameter	Detail
Type	Rods (wands) for studying electrification
Purpose	Producing static charge by rubbing, and showing attraction and repulsion between charged objects
Supplied as	Rods for classroom electrostatics work; rod materials and quantity per set confirmed on enquiry
Suitable for	School physics and general science lessons on static electricity

Typical Use

In a typical lesson a rod is rubbed briskly with a dry cloth and then held near small scraps of paper, which jump up to it. The charged rod can next be brought close to an electroscope cap to make the leaves diverge, or towards a second charged rod hung from a thread so that students see it swing away (like charges) or swing closer (unlike charges). Rods of different materials charge with opposite signs, which is how the idea of two kinds of charge is usually introduced.

Static experiments are sensitive to moisture, so work in a dry room, keep the rods clean and free of grease, and wipe them with a dry cloth before each trial. Grouping these wands with an electroscope and a small indicator gives a compact electricity experiment kit for school practicals on charging by friction and induction.

Manufacturer

ScienceLab is the brand under which Jain Scientific Equipments Private Limited, based in Ambala, Haryana, manufactures and sells school science apparatus. Buyers who must register a vendor can use the company's GSTIN 06AAECJ8618A1ZT and LEI 3358004HRD1JIVXKYX49. See the company profile for more background.

Related Lab Equipment

These items are commonly used with electrification rods in static electricity lessons:

- Electroscope with Accessories — detects the charge picked up by a rubbed rod.
- Gold Leaf Electroscope — a sensitive indicator for comparing how strongly rods are charged.
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