Science Lab

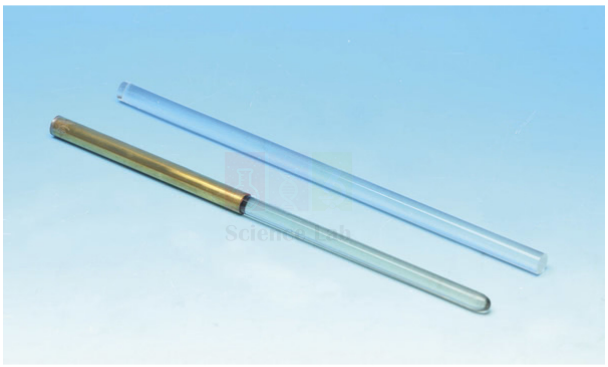
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Product Name :

Friction Rod, Glass/Brass, 300mm

Product Code :

SLE/PHY/106



Description :

Friction Rod, Glass/Brass, 300mm (Product Code: SLE/PHY/106) is an electrostatics rod used to produce and study static electricity by rubbing in school physics experiments. Teachers and students use it to charge objects, attract light scraps of paper and compare like and unlike charges, and it measures 300 x 12 mm. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India, for schools buying physics lab instruments in India.

Specifications

Parameter	Detail
Material	Glass/Brass (as listed)
Dimensions	300 x 12 mm
Application	Various experiments involving static electricity
Product code	SLE/PHY/106
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Friction Rod Used For?

Rubbing a glass rod with silk leaves it positively charged, which students can show by bringing it near scraps of paper, a thin stream of tap water or the cap of an electroscope. Hanging one charged rod in a paper stirrup and approaching it with another reveals repulsion between like charges, and attraction when the second rod is ebonite or polythene.

Where brass is used, the lesson turns to conductors: a metal rod held directly in the hand will not keep its charge, because the charge leaks away through the body, which is how conductors and insulators are contrasted in class. Static experiments work best on dry days, so wipe the rod clean, warm it slightly if the room is humid and store it in a dry cupboard. The rod fits naturally into physics practical equipment for CBSE-style electrostatics lessons.

What to Specify When Ordering

- Material — glass, brass or both, since the listing gives glass/brass.
- Quantity for group or whole-class work.
- A rubbing cloth and other friction rods (perspex, nylon, ebonite) for comparison.
- An electroscope, if you want to detect and compare the charges produced.

OEM Manufacturer

ScienceLab — the trading name of Jain Scientific Equipments Private Limited — makes this friction rod at its licensed factory in Saha, Ambala, Haryana, India. Buying from the original equipment manufacturer means the rod comes factory-direct rather than through a trader, and matching rods for a complete electrostatics set can be ordered from the same maker. Ask us about

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