Email : sales@scilabexport.com
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Product Name :

Friction Rod, Brass/Ebonite

Product Code :

SLE/PHY/178



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Description :

Friction Rod, Brass/Ebonite (Product Code: SLE/PHY/178) is a charging rod used for various experiments involving static electricity in school and college physics labs. Listed in brass/ebonite and measuring 300 x 12 mm, it is rubbed with a cloth to build up charge that can then be passed to an electroscope or used to attract light objects. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Material	Brass/Ebonite
Dimensions	300 x 12 mm
Use	Friction rod for various experiments involving static electricity
Product code	SLE/PHY/178
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Brass/Ebonite Friction Rod Used For?

Ebonite, a hard rubber, is a traditional material for static demonstrations because it charges readily when rubbed, while brass is a conductor. Having both materials lets teachers discuss why an insulator holds charge where it was rubbed, whereas a conductor held in the hand loses its charge to earth — a key idea in school physics lab equipment courses across India.

Rub the rod briskly with a dry cloth, then bring it near an electroscope plate or a suspended pith ball. Wipe the rod after handling, since skin oils and moisture reduce charging, and store it somewhere dry. If your experiment depends on how the brass and ebonite portions are arranged, confirm this with us when you request a quotation.

OEM Manufacturer

ScienceLab is the brand of Jain Scientific Equipments Private Limited, the OEM manufacturer of this friction rod. The company makes its electrostatics apparatus at its own licensed factory in Saha, Ambala, Haryana, and deals directly with schools, colleges, dealers and importers, so any question about materials or repeat quantities goes to the maker rather than a reseller. Company details are on our profile page.

Related Physics Lab Equipment

Pair the rod with a rubbing cloth, other rod materials and a charge detector:

- Friction Cloth, Cotton — 300 x 300 mm cloth for rubbing the rod.
- Friction Rod, Glass/Brass, 300mm — companion rod for comparing the charge on a different material.
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