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Product Name :

Magnetic Needle, Brass

Product Code :

SLE/PHY/238



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Description :

Magnetic Needle, Brass (Product Code: SLE/PHY/238) is a 75 mm carbon steel magnetic needle on a brass pivot bearing, used to indicate magnetic field direction and to explain how a compass works in school physics classes. Its longer 75 mm length makes the needle's position easy to follow from the back of the room during teacher demonstrations. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Needle material	Carbon steel
Length	75 mm
Bearing	Brass pivot bearing
Bearing options in this range	Jewel or brass pivot bearing
Product code	SLE/PHY/238
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Brass Magnetic Needle Used For?

This needle is a simple way to show what is inside every compass: a magnetised strip of steel, free to turn, that settles pointing north and south. Teachers bring a bar magnet towards each end to show that like poles repel and unlike poles attract, and then place the needle beside a current-carrying coil to find which end of the coil behaves as a north pole.

For accurate results, set the needle on a wooden or plastic bench away from steel stands and other magnets, and let it come to rest before reading its direction. Lift it gently on and off the brass pivot, and keep it separated from strong magnets in storage. As a product from a school lab equipment manufacturer, it is intended for regular classroom handling in magnetism lessons.

What to Specify When Ordering

- The version: this 75 mm brass-bearing needle or the shorter jewel-bearing needle.
- The quantity for demonstration benches or student groups.
- Any magnets, coils or plotting compasses to be quoted in the same order.

OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is the OEM (original equipment manufacturer) of the Magnetic Needle, Brass and makes it at its own licensed factory at Saha, Ambala, Haryana, for schools, colleges, dealers and importers in India and international markets. Institutional and tender buyers who need vendor registration details can use GSTIN 06AA
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