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Product Name :

Compass Plotting (Clear)

Product Code :

SLE/PHY/37



Description :

Compass Plotting (Clear) (Product Code: SLE/PHY/37) is a plotting compass used to show magnetic field direction and trace the field around a bar magnet in school physics labs. Each 20 mm aluminium case has a clear plastic top and bottom, and the 10 mm steel needle, marked red at its north end, turns on a brass bearing. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of physics lab equipment in India, at its own factory in Ambala, and is packed in 12s for magnetism practicals.

Specifications

Parameter	Detail
Function	Indicates the direction of a magnetic field
Case	Aluminium, 20 mm diameter
Top and bottom	Clear plastic
Needle	Steel, 10 mm, north end marked in red
Bearing	Brass
Typical use	Tracing the field of a bar magnet
Pack size	Packs of 12
Product code	SLE/PHY/37
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Plotting Compass Used For?

Plotting compasses let students draw magnetic field lines for themselves. A bar magnet is laid on a sheet of paper, a compass is placed near one pole, and a dot is marked at each end of the needle; the compass is then moved so its tail sits on the last dot, and the process repeats until a line curves round to the other pole. Several lines drawn this way reveal the full field pattern, including neutral points when two magnets are used.

With a whole pack on the bench, a group can also set a ring of compasses around a magnet or a current-carrying wire and see the field direction at a glance. Keep compasses well away from strong magnets when stored, since this can weaken or reverse the needle, and check against the Earth's field that the red end points north before each lesson. They suit any bar magnet practical in Indian schools.

What to Specify When Ordering

- Number of packs; each pack contains 12 compasses.
- Whether you also need bar magnets for the same practical.
- Delivery location, for school, dealer or export supply.

OEM

Jain S ures