Email : sales@scilabexport.com
Phone: +91-7082934803

**Product Name :**

Plotting Compass, Single Glass Face

**Product Code :**

SLE/PHY/267



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# Description :

**Plotting Compass, Single Glass Face** (Product Code: SLE/PHY/267) is a small magnetic compass in an aluminium case, used to trace magnetic field lines around magnets and current-carrying wires in school physics practicals. Teachers order it in packs of 10 for group work; each compass is 16mm in diameter, glass-faced on one side, with a dial marked with the cardinal and ordinal points. 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 suits any magnetism experiment kit.

## Specifications

| Parameter | Detail |
|---|---|
| Case | Aluminium |
| Face | Glass, on one side |
| Dial | Marked with the cardinal and ordinal points of the compass |
| Diameter | 16mm |
| Pack size | Pack of 10 |
| Product code | SLE/PHY/267 |
| Manufacturer | Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM |
| Country of origin | India (made in Ambala, Haryana) |

## What Is a Plotting Compass Used For?

To map a field, place a bar magnet on a sheet of paper and set the compass near one pole. Mark a dot at each end of the needle, move the compass so its tail sits on the front dot, and repeat; joining the dots traces one field line, and starting from several points builds up the whole pattern. The same method locates neutral points between two magnets and shows the circular field around a straight current-carrying wire or the field of a coil. Because each compass is only 16mm across, plotted points sit close together and the lines come out smooth.

Before use, check that every needle settles in the same direction when the compasses are laid well away from magnets. Store the compasses in their pack, away from strong magnets that could weaken or reverse a needle, and handle them by the aluminium case to protect the glass face. Pair them with a bar magnet for school practicals, and with a current-carrying frame or coil for electromagnetism lessons.

## What to Specify When Ordering

- The number of packs of 10 you need for your student groups
- Whether you want this glass-faced style or the Compass Plotting (Clear) version
- Magnets or electromagnetism apparatus to be quoted alongside, if required

## OEM

Jain S
equip
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