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

Product Name :

Economy Alnico Bar Magnets

Product Code :

SLE/MG/01



Description :

Economy Alnico Bar Magnets (Product Code: SLE/MG/01) are painted alnico bar magnets,sold as a pair with a separator and keepers, used to teach magnetic poles, attraction, repulsionand field patterns in school physics labs. They come in two sizes, 2 x 1/2 x 1/4 inch and 3 x 1/2 x1/4 inch, to suit different experiments. They are made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India, as a bar magnet for school use in India.

Specifications

Parameter	Detail
Material	Alnico, painted
Supplied as	One pair of painted magnets with separator and keepers
Sizes available	2 x 1/2 x 1/4 inch; 3 x 1/2 x 1/4 inch
Product code	SLE/MG/01
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Are Alnico Bar Magnets Used For?

Bar magnets are the starting point for magnetism practicals: finding north and south poles, showing that like poles repel and unlike poles attract, mapping field lines with a plotting compass or iron filings, and sorting magnetic from non-magnetic materials. Alnico, an alloy of aluminium, nickel and cobalt with iron, gives a strong field for its size but can lose strength if dropped or stored carelessly, which is why these magnets come with keepers.

After each lesson, store the pair side by side with opposite poles together, the separator between them and the keepers across the ends; this closes the magnetic circuit and helps the magnets hold their strength. Avoid knocking or dropping them. Together with a plotting compass, a pair forms the core of a simple magnetism experiment kit for Indian classrooms.

What to Specify When Ordering

- The size: 2 x 1/2 x 1/4 inch or 3 x 1/2 x 1/4 inch
- The number of pairs, for example one pair per student group
- Plotting compasses or other magnetism items to add to the order

OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is the OEM manufacturer of these Economy Alnico Bar Magnets and produces them at its own licensed factory at Saha, Ambala, Haryana, India. Schools, education departments, dealers and importers buy direct from the maker, and a single quotation can cover both magnet sizes.

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