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Product Name :

Neodymium Wand

Product Code :

SLE/EAM/31



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Description :

The **Neodymium Wand** (Product Code: SLE/EAM/31) is a set of 5 acrylic wands, each fitted with a powerful 12mm diameter neodymium button magnet. Mounting each magnet in a wand makes these very strong magnets safe for pupil use, so children can explore attraction, magnetic materials and fields without pinched fingers or magnets snapping together. The set is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, and suits primary classrooms,junior science lab equipment collections and secondary physics groups alike.

Specifications

Parameter	Detail
Supplied as	Set of 5 wands
Wand material	Acrylic
Magnet	Powerful neodymium button magnet, 12mm diameter, one per wand
Dimensions	125 x 20 x 10mm
Key benefit	Makes strong magnets safe for pupil use

Typical Use

Pupils use the wands to sort everyday objects into magnetic and non-magnetic materials, to test whether magnetism acts through paper, card, wood or water, and to count how many paper clips each wand can lift through different thicknesses of material. Because there are five wands in a set, a class can work in small groups at once. Older students can use the wands with a plotting compass to trace field lines or to find the poles of the button magnet.

The strength of neodymium makes effects obvious that weaker classroom magnets only hint at, such as attraction through a tabletop or the drag felt when the wand is moved over a copper or aluminium sheet. Remind users to keep the wands away from phones, cards and computers, and to store them apart so the magnets do not collect filings or clash together.

Manufacturer

These wands are made by **Jain Scientific Equipments Private Limited**, which trades as ScienceLab and manufactures magnetism and general science apparatus for schools from its base in Ambala, Haryana. Our company profile explains more about the business.

Related Electricity and Magnetism Equipment

Items that pair well with the wands in magnetism lessons:

- Compass Plotting (Clear) — traces the field lines around each button magnet
- Magnetic Field Demonstrator — makes the shape of the field visible to the whole group
- Neodymium Magnets — loose neodymium magnets for teacher-led extension work
- Magnetic Wands — an alternative wand style for younger pupils
- Splat The Rat — a neodymium magnet demonstration of Lenz's Law for the next step

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