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Product Name :

Wave Wires Magnet Station

Product Code :

SLE/MG/12



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Description :

Wave Wires Magnet Station (Product Code: SLE/MG/12) is a hands-on magnetism activity station used to introduce magnetism, show magnetic field lines and explore force and motion with learners in grades 3 to 8. Students watch iron filings move, roll steel balls inside a viewing tray and study oscillations of magnet wires, all through a clear top-down window, and one station serves one small group. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, for STEM science kit programmes in India.

Key Details

Parameter	Detail
Learner level	Grades 3 to 8
Topics	Introduction to magnetism, magnetic field lines, force and motion through collisions and oscillations
Activities	Moving iron filings, propelling steel balls in a viewing tray, magnet painting, dangling magnet wires upside down to study oscillations
Viewing	Clear window and transparent tray for a top-down view
Quantity of materials	Enough for 1 small group
Settings	Classrooms, makerspaces, science fairs, STEM and STEAM programmes
Product code	SLE/MG/12
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Wave Wires Magnet Station Used For?

The station gives a small group a self-contained place to explore magnetism by watching and doing. Moving a magnet under the tray makes iron filings stand up and shift into field-line patterns, and steel balls roll, collide and bounce as the magnet pulls them, which opens discussion of force, motion and energy transfer. Hanging magnet wires upside down lets students see oscillations caused by magnetic forces, and the magnet painting activity turns field patterns into art.

Because everything is viewed from above through a clear window and transparent tray, the whole group can see each interaction at once. It works as a carousel station in a lesson, a makerspace activity or a science fair exhibit. Keep the tray level and the filings contained, and supervise younger learners with the small steel balls.

Supplier

The Wave Wires Magnet Station is supplied by Jain Scientific Equipments Private Limited, which trades under the ScienceLab name from Ambala, Haryana, India. The company sources it for schools, STEM centres, makerspaces and dealers that want a ready-to-use magnetism activity for sm

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