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

Product Name :

Force Board, Wall Type

Product Code :

SLE/PHY/174



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Phone: +91-7082934803

Description :

Force Board, Wall Type (Product Code: SLE/PHY/174) is a wall-mounted board used to demonstrate the parallelogram and polygon of forces in school and college mechanics lessons. Measuring 750 x 600 mm, it leaves a clear space all round the edge for attaching pulleys, and it comes complete with mounting brackets, cords, pulleys and masses. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Board size	750 x 600 mm
Mounting	Fitted with metal brackets for fixing to a wall
Layout	Clear space left all round the edge of the board for attachingpulleys and similar fittings
Supplied with	Mounting brackets, cords, pulleys and masses
Demonstrates	Principles of the parallelogram and polygon of forces
Product code	SLE/PHY/174
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Wall Force Board Used For?

Pulleys attached at the board's edge carry cords to a common knot, with masses hanging from each cord. When the knot comes to rest, students trace the cord directions on a sheet of paper fixed to the board, draw the forces to scale and check that they close into a triangle or polygon — the heart of vector addition in mechanics lab equipment for Indian schools and colleges.

Because the board hangs on the wall, a whole class can watch the same demonstration without crowding round a bench, and the teacher can leave it set up between lessons. Fix the brackets into a solid wall, check the board is vertical, and let the knot settle fully before recording any angles.

OEM Manufacturer

Jain Scientific Equipments Private Limited trades as ScienceLab and is the OEM manufacturer of this force board. It is made at the company's own licensed factory at Saha, Ambala, Haryana, and dispatched directly to schools, engineering colleges, dealers and importers, so the quotation and any later request for replacement cords or pulleys are handled by the maker — ask us. See our company profile.

Related Physics Lab Equipment

Other

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