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Product Name :

Free Vibrations Test Frame

Product Code :

SLE/ETM/08



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Description :

Free Vibrations Test Frame (Product Code: SLE/ETM/08) is a bench-mounted frame used to hold free vibration experiments steady and level in theory of machines laboratories. Two extruded alloy members with slotted fixing points on all four sides span two triangular ends with adjustable levelling feet, and a storage tray, lid, hexagon tool and spirit level come with it. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM maker of engineering lab equipment in India, at its own factory in Ambala.

Key Details

Parameter	Detail
Use	Mounting frame for free vibrations experiments
Placement	Fits on any standard desk or bench
Horizontal members	Two extruded alloy members, each with slotted fixing points on all four sides
Ends	Two triangular sides, each with adjustable levelling feet
Included	Storage tray and lid; hexagon tool; spirit level
Construction	Sturdy, for accurate results and a long service life
Portability	Light enough for two people to move around the classroom
Product code	SLE/ETM/08
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Free Vibrations Test Frame Used For?

Vibration measurements are only repeatable when the structure holding the experiment neither flexes nor rocks. Students, teachers or lecturers fix the back panel of each free vibration experiment to the slotted alloy members, level the frame with its adjustable feet and the spirit level, and then run the test; changing to another experiment means removing one panel and fitting the next.

One frame can therefore serve a sequence of experiments, including the beam-spring, cantilever and damper studies, which saves bench space and makes it practical lab equipment for technical institutes. The storage tray and lid keep tools and small parts of optional experiments together so they are not lost or damaged between classes. Two people can carry the frame around the classroom, but recheck the level with the spirit level whenever it is moved.

What to Specify When Ordering

- Which free vibration experiments will be fitted, for example the beam-spring, cantilever or Damper Kit
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OEM