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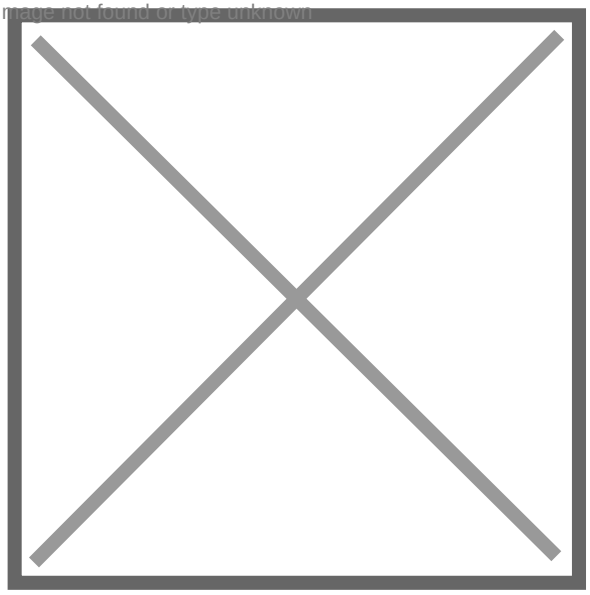
Product Name :

Apparatus for Demonstrating the Free Fall of Bodies

Product Code :

SCL-393/04

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Description :

Apparatus for Demonstrating the Free Fall of Bodies (Product Code: SCL-393/04) is a demonstration device used to show how bodies fall freely under gravity, and how their mass and shape relate to that fall, in school physics classrooms. Its 30 mm steel spheres hang from a mounted steel frame on a 17 x 6 cm wooden block, so a teacher can release them in full view of the class. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Purpose (as listed)	Demonstrates the free fall of bodies in relation to their mass and shape
Spheres	Steel, 30 mm diameter
Frame	Mounted steel frame from which the spheres hang
Base	Wooden block, 17 x 6 cm
Product code	SCL-393/04
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Free Fall Apparatus Used For?

Teachers use it to challenge the everyday belief that heavier objects always fall faster. Compact bodies released together from the same height reach the floor together, whatever their mass, because gravity gives them the same acceleration. Comparing a steel sphere with a flat, light object such as a sheet of paper then shows how shape and air resistance slow some bodies down.

Fix the wooden block securely at the edge of a bench or on a stand so the spheres fall clear of the table, and place a tray or mat underneath to catch them. Keep students' hands away from the drop zone during each release. Once the class has seen the qualitative result, a timed practical with a stopwatch and tape makes a natural next step in a physics experiment sequence for school.

OEM Manufacturer

This free fall demonstration apparatus is produced by ScienceLab, the trading name of Jain Scientific Equipments Private Limited, as the original equipment manufacturer (OEM). It is made at the company's own licensed factory at Saha, Ambala, Haryana, India, and supplied factory-direct to schools, colleges, institutions and dealers. Quotations, repeat orders and questions about replacement spheres come from the manufacturer itself — ask us. Company details are on the profile page.

Rela

Items

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