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

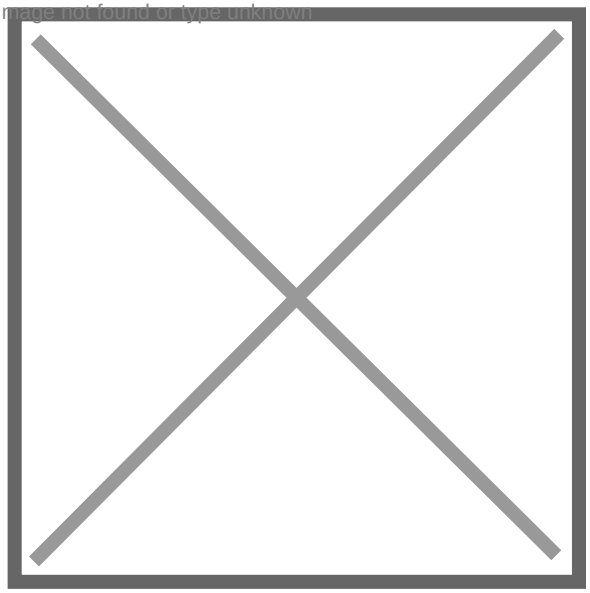
Product Name :

Newtons Tube (5x105)

Product Code :

SCL-293/04

Image not found or type unknown



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

Description :

Newtons Tube (5x105) (Product Code: SCL-293/04) is a vacuum free-fall tube used to show that a feather and a piece of metal fall at the same rate once air is removed, in school and college physics lessons on gravity. The tube measures 5 x 105 cm and weighs 0.7 kg, giving a long drop that the whole class can follow. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Type	Vacuum tube for free-fall demonstration
Falling objects	A feather and a piece of metal
Dimensions	5 x 105 cm
Weight	0.7 kg
Product code	SCL-293/04
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is Newton’s Tube Used For?

Newton’s tube answers a question students often get wrong: do heavy objects fall faster than light ones? With air inside, the teacher turns the tube upright and the metal piece drops quickly while the feather drifts down behind it. After the air is pumped out and the tube is turned again, the feather and the metal reach the bottom together.

The demonstration shows that the difference seen in everyday life comes from air resistance, not from mass, and that all bodies fall with the same acceleration due to gravity in a vacuum. It is a memorable piece of mechanics lab equipment for lessons on free fall and Galileo’s ideas. Turn the tube smoothly through a half turn each time and hold it vertical so the objects fall straight.

What to Specify When Ordering

- The number of tubes required for your laboratories.
- Whether a vacuum pump should be quoted with the tube — one is not listed as part of this item.
- The delivery location, so suitable protective packing for the 105 cm tube can be arranged.

OEM Manufacturer

Newtons Tube (5x105) is manufactured by Jain Scientific Equipments Private Limited — the company that trades as ScienceLab — in its role as OEM (original equipment manufacturer), at its own licensed factory at Saha, Ambala, Haryana, India. For tender and vendor registration, the company’s GSTIN is 06AAECJ8618A1ZT and its Legal Entity Identifier (LEI) is 3358[illegible]ow-up or[illegible]

Rela[illegible]