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Product Name :

Force Meter/Spring Balance

Product Code :

SLE/ME/09



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Description :

Force Meter/Spring Balance (Product Code: SLE/ME/09) is a dual-purpose spring instrument used to weigh hanging objects and to measure pushing or pulling forces in school physics and general science lessons. Its extended rod lets students press against or pull on an object as well as hang loads from it, and this red, colour-coded 2 kg version is scaled in both grams and newtons. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of mechanics lab equipment in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Functions	Weighs suspended objects; measures push and pull forces using the extended rod
Scale units	Grams and newtons
Range	2 kg
Colour code	Red
Write-on area	Clear, flat area on the rod for drawing your own scale with a dry-wipe marker
Included	Instructions and ideas sheet
Product code	SLE/ME/09
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Force Meter Used For?

Hang an object from the meter and students read its weight in newtons alongside its mass in grams, which makes the difference between mass and weight concrete. Turn the instrument round and the extended rod becomes a push-pull gauge: pupils can measure the force needed to start a block sliding, compare friction on different surfaces, or push a trolley and feel how force relates to motion. That versatility makes it a core item in any force and motion experiment kit.

The write-on strip on the rod is useful with younger classes, who can mark their own simple scale for a lesson and wipe it clean afterwards. Before each reading, check that the indicator sits at zero with nothing attached, keep the meter in line with the direction of the force, and read it at eye level. Staying within the 2 kg range protects the spring from being overstretched.

OEM Manufacturer

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, the original equipment manufacturer (OEM) of this force meter. It is made and assembled at the company's own licensed factory at Saha, Ambala, Haryana, rather than bought in from a trader, and goes factor
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