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

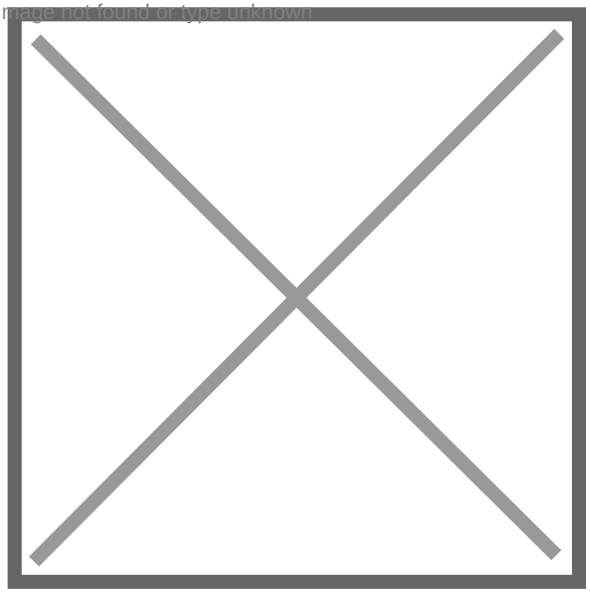
Product Name :

Hooke's Law Apparatus

Product Code :

SLE/PHY/190

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Description :

Hooke's Law Apparatus (Product Code: SLE/PHY/190) is a spring-extension stand used toshow that the extension of a spring is proportional to the load applied to it, in school and collegephysics practicals. It has a 150 mm adjustable mirror scale marked in millimetres, mounted on asturdy 300 mm rod and wooden base, and comes complete with a 250 g slotted weight set and 3 springs. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEMmanufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Scale	150 mm adjustable mirror scale, marked in millimetres
Mirror	Helps prevent parallax error when reading
Support	Sturdy 300 mm rod mounted on a wooden base
Spring mounting	Hook on the rod supporting a coiled spring with mass hanger and indicator
Supplied with	250 g slotted weight set and 3 springs
Demonstrates	Extension of a spring is proportional to the load applied
Product code	SLE/PHY/190
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Hooke's Law Apparatus Used For?

Students add slotted masses to the hanger one at a time and read the indicator against the millimetre scale after each addition. Plotting load against extension gives a straight line, and its gradient gives the spring constant. Repeating the test with each of the 3 springs shows that a stiffer spring stretches less under the same load, which makes this a complete Hooke law spring kit for Indian school and college labs.

Before loading, slide the adjustable scale so the indicator sits at a convenient starting mark. Read each value with the indicator lined up with its own reflection in the mirror to avoid parallax, add masses gently, and remove them at the end to check that the spring returns to its starting point.

What to Specify When Ordering

- Number of sets, for example one per practical group.
- Any extra slotted weights or spare springs beyond the included 250 g set and 3 springs.
- Delivery location, for school, college or export orders.

OEM Manufacturer

Each Hooke's law apparatus is built by Jain Scientific Equipments Private Limited, trading as Scien
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colleg

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