



Email : sales@scilabexport.com

Phone: +91-7082934803

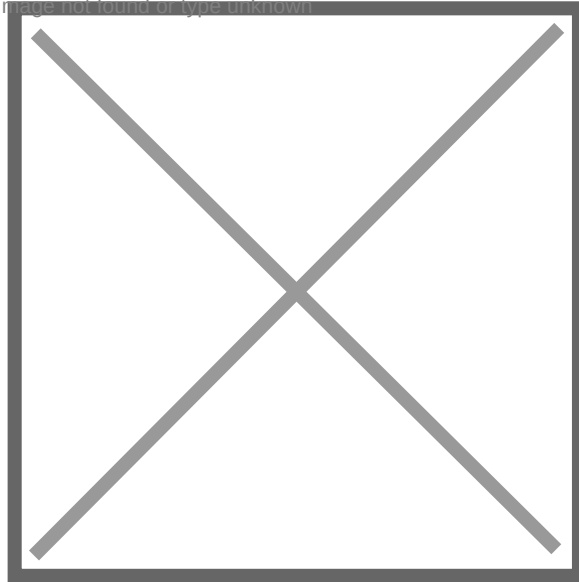
Product Name :

Product Code :

Bob/Metallic Sphere (Small) With Hooks

SCL205/02

Image not found or type unknown



Website: <https://www.scilabexport.com>, **Email:** sales@scilabexport.com

1226/1-5, Bengali Mohalla, Science Market | 133001, Harvana



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

Description :

Bob/Metallic Sphere (Small) With Hooks (Product Code: SCL205/02) is a small brass pendulum bob with a hook, used as the swinging mass in simple pendulum experiments in school and college physics labs. The 18 mm polished brass sphere hangs from a thread by its hook, so students can study time period, effective length and simple harmonic motion with a simple pendulum apparatus in India's school labs. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Item	Pendulum bob (metallic sphere) with hook
Material	Brass
Diameter	18 mm
Finish	Finely polished, with a long-lasting shine
Properties (as listed)	Anti-corrosive, durable, high strength, robust
Application	Simple pendulum experiment; used with a full pendulum set-up
Product code	SCL205/02
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Pendulum Bob Used For?

In the classic practical, a thread is tied to the bob's hook and clamped between the halves of a split cork held in a stand. Students measure the bob's diameter with a vernier calliper, add the radius to the thread length to get the effective length, displace the bob through a small angle and time 20 oscillations with a stop clock. Repeating this for several lengths and plotting length against the square of the time period gives a straight line from which g can be found using $g = 4\pi^2 L/T^2$.

Used with a full pendulum set-up, the bob makes the physics of pendulum motion visible and hands-on, which is why it belongs in any SHM experiment kit in India. Keep the amplitude small, start counting as the bob passes its mean position, and shield the set-up from fans or draughts. The polished, anti-corrosive brass can simply be wiped clean and stored dry.

What to Specify When Ordering

- The number of bobs – one per pendulum set-up, plus spares for a practical examination.
- Whether stands, clamps, split corks or stop clocks should be quoted with the bobs.
- The delivery location for your laboratory or dealer stock.

OEM Manufacturer

Jain Scientific
equipments
factory at

Website: <https://www.scilabexport.com>, **Email:** sales@scilabexport.com

1226/1-5, Bengali Mohalla, Science Market | 133001, Haryana

Original
licensed
factory-



Email : sales@scilabexport.com

Phone: +91-7082934803