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

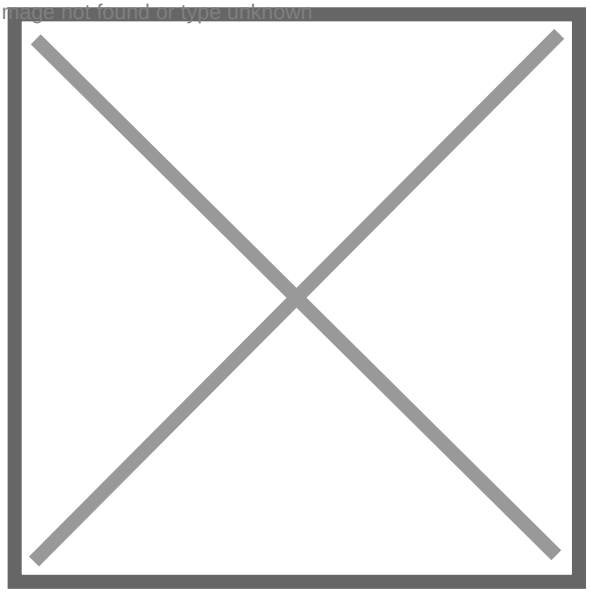
Product Name :

Bob/Metallic Sphere (Small) With Hooks

Product Code :

SCL205/02

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Description :

Bob/Metallic Sphere (Small) With Hooks (Product Code: SCL205/02) is a small brasspendulum bob with a hook, used as the swinging mass in simple pendulum experiments in schooland 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 and physics instruments supplier in India, at its own factory in Ambala.

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 $g = 4?^2L/T^2$.

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

Jain S
equip

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