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Product Name :

Bucket & Cylinder, Small

Product Code :

SLE/PHY/27



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Description :

Bucket & Cylinder, Small (Product Code: SLE/PHY/27) is a compact brass apparatus used to verify Archimedes' principle at student benches in school and college physics labs. At 50 mm,115 mm overall, it is sized for pairs or small groups who weigh, immerse and refill it themselvesduring a practical period. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, anOEM manufacturer, at its own factory in Ambala, India, for school physics lab equipment in Indiaand overseas.

Specifications

Parameter	Detail
Size	50 mm; overall 115 mm
Construction	Simple brass unit
Bucket fittings	Top suspension loop; hook underneath
Cylinder fitting	Suspension hook at one end
Experiment	Demonstrating Archimedes' principle
Intended use	Class demonstration or individual use
Product code	SLE/PHY/27
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Small Bucket and Cylinder Used For?

Students use it to measure buoyant force for themselves. They record the balance reading with the cylinder hanging in air below the bucket, then again with the cylinder fully under water, and the difference gives the upthrust. Pouring water into the bucket until the first reading returns shows that the upthrust equals the weight of the water displaced, which is the heart of Archimedes' principle.

Because it is small, several sets fit on one bench and a narrow beaker or measuring cylinder is enough to submerge the cylinder. Encourage groups to lower the cylinder slowly so it does not touch the vessel walls, and to note each reading only after the balance stops moving. It makes an efficient addition to physics lab instruments in India where every pair of students needs its own set.

What to Specify When Ordering

- Number of sets, usually one per student pair or group.
- Whether you also want the larger Bucket & Cylinder, (Large) for the teacher's demonstration.
- Any balances or vessels to be included in the same quotation.

OEM

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