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

Product Name :

Glass Bell on The Support

Product Code :

SCL1431/014



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Description :

Glass Bell on The Support (Product Code: SCL1431/014) is a transparent glass bell with a handle, at least 200 mm in diameter and 250 mm high, standing on a plastic holder fitted with a sealing gasket. Placed over small apparatus and used with a vacuum pump, it forms a clear, sealed enclosure in which students can watch what happens as the air is taken away. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a school laboratory equipment supplier in India for air-pressure and vacuum lessons.

Specifications

Parameter	Detail
Bell	Transparent glass, with a handle
Diameter	Minimum 200 mm
Height	Minimum 250 mm
Support	Plastic holder with sealing gasket

Typical Use

Typical experiments under the bell include a partly blown-up balloon that swells as the surrounding air is pumped away, warm water that starts to boil at reduced pressure, and a small ringing device whose sound fades as the air thins. Once the bell has been evacuated, students can also try to lift it by the handle and feel how firmly the outside air presses it onto the gasket – a memorable way to show that atmospheric pressure is real and large.

Before each use, inspect the glass for chips or cracks and never evacuate a damaged bell. Keep the rim and the sealing gasket clean and free of grit so the seal holds, and let air back in slowly before lifting the bell off the support. Carry it with one hand on the handle and the other under the glass.

Manufacturer

This bell and support come from Jain Scientific Equipments Private Limited, the Ambala, Haryana company that sells its teaching apparatus under the ScienceLab name to schools in India and international markets. For company details, see the ScienceLab profile.

Related Lab Equipment

Items used with the bell to create and study a vacuum:

- Vacuum Pump with Pressure Gauge — removes the air from under the bell and shows the pressure.
- Vacuum Pump, Hand — a manual option for simpler demonstrations.
- Vacuum Tubing — for the connection between pump and enclosure.
- Bell In Glass Jar and Base — a ready set for the sound-in-a-vacuum experiment.

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