Email : sales@scilabexport.com
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Product Name :

Beehive Shelf, Porcelain

Product Code :

SLE/CH/57



Science Lab
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Description :

Beehive Shelf, Porcelain (Product Code: SLE/CH/57) is a small dome-shaped porcelain support placed in a pneumatic trough for collecting gases over water. It is glazed inside and outside, so it sheds water and deposits easily, and it is offered in 75 mm and 100 mm diameters to suitdifferent trough and gas jar sizes. Chemistry teachers and students use it whenever oxygen,hydrogen or another sparingly soluble gas is prepared and collected in the lab. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a school science lab equipmentmanufacturer serving India and international markets.

Specifications

Parameter	Detail
Material	Porcelain
Finish	Glazed inside and outside
Diameter	75 mm; 100 mm
Purpose	Use in pneumatic troughs for gas collection

Typical Use

A beehive shelf lifts the mouth of a gas jar just clear of the bottom of the trough. The delivery tube from the gas generator is led under the shelf, and the gas rises through the opening in the top into an inverted gas jar that was filled with water and stood on the shelf. As gas collects, it pushes the water out of the jar; once the jar is full, a cover is slid under its mouth and it is lifted out ready for testing. This set-up is used for classic experiments such as collecting oxygen from heated potassium permanganate or hydrogen from zinc and dilute acid.

The 75 mm size suits smaller troughs and narrow gas jars, while the 100 mm size gives a broader platform for wider jars. Because the porcelain is glazed on both faces it does not soak up water, and it can simply be rinsed and dried after the lesson. Handle it with care, as porcelain can chip if dropped into a trough or knocked against glassware.

Manufacturer

Jain Scientific Equipments Private Limited carries on business as ScienceLab in Ambala, Haryana, making apparatus for chemistry, physics and biology teaching. Buyers completing vendor registration or tender paperwork can quote the company's GSTIN, 06AAECJ8618A1ZT, and its Legal Entity Identifier, 3358004HRD1JIVXKYX49. For more about the business, open the company profile.

Related Chemistry Lab Equipment

The other parts of a gas-collection-over-water set-up:

- Pneumatic Trough — the water trough in which the shelf sits.
- Gas Jar, Glass — the inverted jar that stands on the shelf and fills with gas.