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Product Name :

Gas Washing Bottle

Product Code :

SLE/GBO/06



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Description :

Gas Washing Bottle (Product Code: SLE/GBO/06) is a clear borosilicate glass bottle with interchangeable joints, through which a stream of gas is bubbled via a liquid to remove impurities, dry the gas or absorb one of its components. It is offered in 100 ml, 125 ml, 250 ml and 500 ml capacities and is heat and chemical resistant for routine chemical laboratory use. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as borosilicate laboratoryglassware in India, and is a standard part of gas collection apparatus in school, college andindustrial labs.

Specifications

Parameter	Detail
Material	Borosilicate glass
Capacities	100 ml, 125 ml, 250 ml, 500 ml
Joints	Interchangeable
Heat resistance	Heat resistant
Chemical resistance	Chemical resistant
Colour	Clear
Application	Chemical laboratory

Typical Use

A common teaching set-up passes carbon dioxide from a Kipp's apparatus or other gas generator through water in a gas washing bottle to strip out acid spray, then through a second bottle of concentrated sulphuric acid to dry it before collection. The same bottle can bubble a gas through limewater or another reagent to show absorption, or scrub unwanted fumes from an exhaust line. Clear glass lets students watch the bubbling and see when the liquid needs replacing.

Connect the incoming gas to the tube that dips below the liquid and take the outlet from the space above it; reversing the connections can push liquid back into the generator. Clamp the bottle to a retort stand, use flexible tubing on the connections, and never fill it more than the dip tube needs.

Manufacturer

This gas washing bottle is one of the borosilicate glass items manufactured by Jain Scientific Equipments Private Limited, the Ambala (Haryana) company that trades as ScienceLab. For a wider view of the business, visit our company profile.

Related Laboratory Equipment

Parts that complete a gas washing and drying train:

- Delivery Tube — carries gas from the generator to the bottle

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