Email : sales@scilabexport.com
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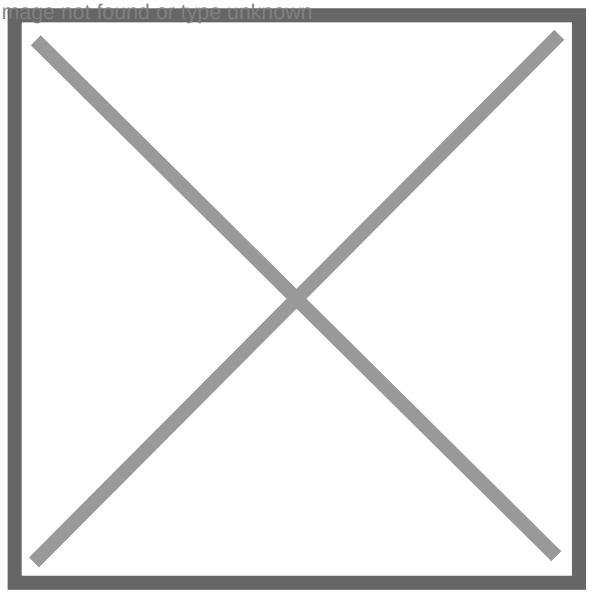
Product Name :

Aerometer (densitometer) for liquids with d less than 1

Product Code :

SCI-877/012

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Description :

Aerometer (densitometer) for liquids with d less than 1 (Product Code: SCI-877/012) is a density-measuring instrument used to find the relative density of liquids lighter than water in school, college and testing laboratories. Teachers and technicians use it for liquids whose relative density (d) is below 1, such as alcohol–water mixtures, oils and light solvents. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a chemistry lab instruments supplier.

Key Details

Parameter	Detail
Instrument	Aerometer (densitometer)
Intended liquids	Relative density (d) less than 1, i.e. lighter than water
Measuring range and graduation	Confirmed with the quotation
Design (glass float or digital)	Confirmed with the quotation
Product code	SCI-877/012
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Aerometer for Light Liquids Used For?

An aerometer measures density by buoyancy: in its classic form, a weighted float sinks until it displaces its own weight of liquid, so it sinks deeper in a lighter liquid and the reading is taken where the surface meets its scale. The value d compares a liquid's density with that of water, so any liquid with d below 1 is lighter than water. An instrument for this range lets students compare alcohol–water mixtures, check oils and light solvents, and see Archimedes' principle at work.

Use a clean, tall cylinder wide enough for the instrument to float freely without touching the walls, and note the liquid temperature, because density changes as a liquid warms or cools. Rinse and dry the aerometer after each liquid so that one sample does not contaminate the next. Keep flammable liquids such as alcohol away from flames while measuring, and store the instrument where it cannot roll or fall.

What to Specify When Ordering

- That you need the version for liquids with d less than 1; denser liquids need the d greater than 1 aerometer.
- The measuring range and scale divisions you require, as they are confirmed with the quotation.
- Whether you expect a glass float instrument or a digital meter.
- The quantity, plus any measuring cylinders to use as test vessels.

Supplier

Jain S
from
sourc
regist