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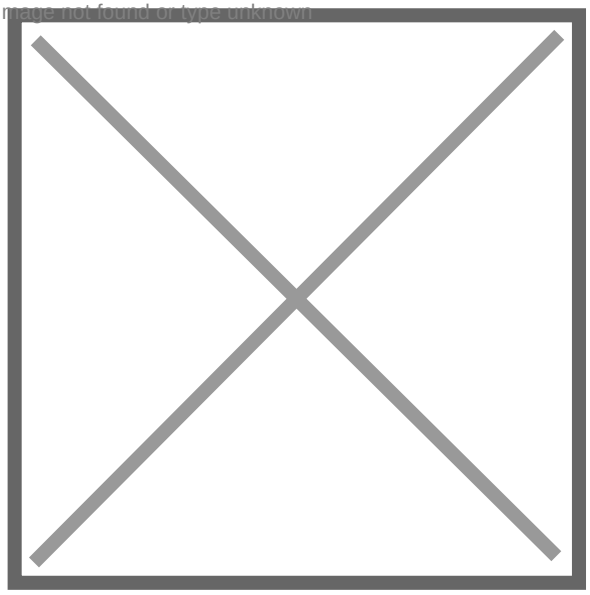
Product Name :

Aerometer (densitometer) for liquids with d greater than 1

Product Code :

SCI-455/013

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Description :

Aerometer (densitometer) for liquids with d greater than 1 (Product Code: SCI-455/013) is a density-measuring instrument used to determine the relative density of liquids heavier than water in teaching and testing laboratories. As chemistry and physics lab equipment, it suits salt and sugar solutions, glycerol–water mixtures and other liquids whose relative density (d) is above 1, where the reading tracks how concentrated a solution is. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Key Details

Parameter	Detail
Instrument	Aerometer (densitometer)
Intended liquids	Relative density (d) greater than 1 — heavier than water
Range, scale divisions and design	To be confirmed with the quotation
Product code	SCI-455/013
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Aerometer for Dense Liquids Used For?

When a solid such as salt or sugar dissolves in water, the solution becomes denser, and the stronger the solution, the higher the reading on an aerometer for d greater than 1. This makes the instrument a quick way to compare solution strengths without evaporating or titrating samples: a class can make up salt solutions of increasing concentration, record each reading and plot density against concentration. Glycerol, strong acids and many syrups also fall in this range.

A dense liquid pushes a float instrument higher, so pour enough liquid into a tall cylinder for it to float clear of the bottom. Record the temperature with every reading and compare only readings taken at similar temperatures. After salt, sugar or acid solutions, rinse the instrument with distilled water and dry it, because dried residue can alter later readings; wear eye protection when working with corrosive liquids.

What to Specify When Ordering

- That you need the version for liquids with d greater than 1; lighter liquids need the d less than 1 aerometer.
- The highest density you need to read and the scale divisions, both confirmed with the quotation.
- Whether a glass float or a digital design is expected.
- The quantity and any matching tall cylinders.

Supplier

ScienceLab, the trading name of Jain Scientific Equipments Private Limited, supplies the Aerometer (densitometer) for liquids with d greater than 1 as a sourced instrument from its base in Am it with g labor

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