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Product Name :

Expansion Of Liquids Apparatus

Product Code :

SLE/PHY/171



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Description :

Expansion Of Liquids Apparatus (Product Code: SLE/PHY/171) is a heat demonstration set used to compare how much different liquids expand when warmed, in school and college physics labs. Five removable glass bulbs with tubes sit in a sliding frame supported in a water trough, so all the liquids are heated together and their rising levels can be compared side by side. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM, at its own factory in Ambala, India.

Key Details

Parameter	Detail
Glassware	Five removable glass bulbs with tubes
Frame	Special sliding arrangement with clips to hold the glass bulbs
Filling	Funnel formation on top of each bulb for easy filling
Heating bath	Water trough supporting the frame
Purpose	Demonstrating the different thermal expansions of various liquids
Product code	SLE/PHY/171
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Expansion of Liquids Apparatus Used For?

Fill each bulb to the same starting level with a different liquid — for example water, alcohol, glycerine or a light oil — then pour hot water into the trough. As the liquids warm together, their columns rise by different amounts, giving a clear visual comparison of how expansion depends on the liquid. It is a staple among the thermometry apparatus that schools in India use for heat and temperature topics.

The funnel tops make filling quick and reduce spills, and because the bulbs clip into the sliding frame they can be lifted out for emptying and cleaning. Handle the glass with care, let hot water cool before draining the trough, and label each bulb so students know which liquid is which.

OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is the original equipment manufacturer of this apparatus. The company (CIN U29309HR2020PTC087597) carries out production at its licensed factory at 449, HSIIDC Industrial Area, Saha, Ambala (Factory Licence AMB-ONLINE-CHD-J-414). Buying from the factory means the quotation, the dispatch and any later question about replacement glassware come from one source. Read our company profile.

Related Physics Lab Equipment

Items

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