Email : sales@scilabexport.com
Phone: +91-7082934803

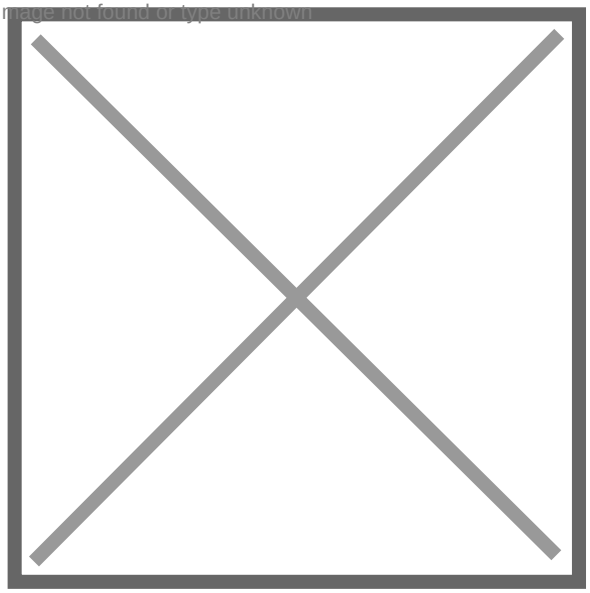
Product Name :

Rising Table

Product Code :

SCL-276/036

Image not found or type unknown



Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Rising Table (Product Code: SCL-276/036) is a height-adjustable laboratory stand used to raisea vessel of liquid to a capillary tube in the surface tension of liquid by capillary rise method.Physics students in senior school and college use it as the base of this surface tensionapparatus, and it comes complete with a capillary tube clamp and a side rod attachment. It ismade by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its ownfactory in Ambala, India.

Key Details

Parameter	Detail
Item	Rising table, complete
Attachments	Capillary tube clamp; side rod attachment
Experiment	Surface tension of liquid by capillary rise method
Product code	SCL-276/036
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Rising Table Used For?

In the capillary tube experiment, a clean capillary is held vertical in the clamp with its lower end dipping into water in a beaker standing on the rising table. Water climbs the narrow bore to a height that depends on the liquid's surface tension, and a travelling microscope is used to read the meniscus. The side rod attachment is typically used to carry a pointer set just touching the liquid surface, so the table can then be lowered and the microscope sighted on the pointer tip to fix the level of the free surface.

Surface tension is then calculated from the rise height, the bore radius, the liquid's density and the acceleration due to gravity. For steady results, clean the capillary well, since grease spoils the meniscus, wet the bore before the reading, raise or lower the table slowly so the column is not disturbed, and note the water temperature, because surface tension changes with it.

OEM Manufacturer

ScienceLab is the brand of **Jain Scientific Equipments Private Limited**, the OEM (original equipment manufacturer) that builds this Rising Table, clamp and side rod set at its own licensed factory at Saha, Ambala, Haryana, India. Labs that need several stations for a practical batch, or a replacement clamp for an existing table, can raise it with the manufacturer directly; ask us. Quotations for schools, colleges, dealers and importers come factory-direct. Company information is on the ScienceLab profile page.

Related Physics Lab Equipment

A cor

- re
-

Email : sales@scilabexport.com
Phone: +91-7082934803