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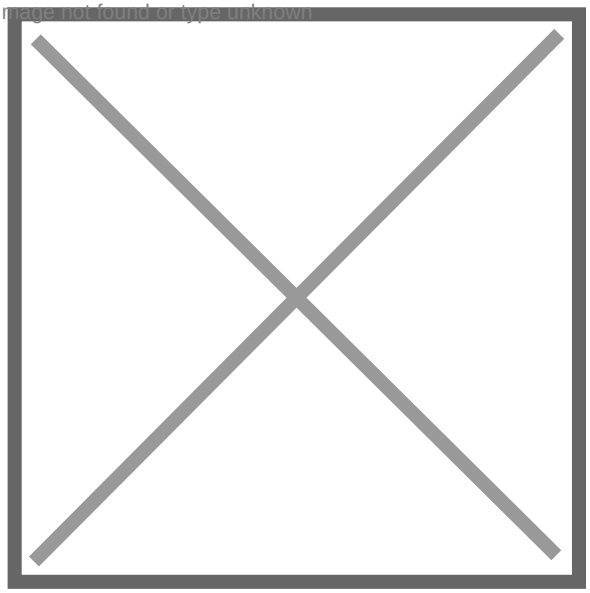
Product Name :

Hand Operated Centrifugal Machine

Product Code :

SCL-511/05

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Description :

Hand Operated Centrifugal Machine (Product Code: SCL-511/05) is a manually driven laboratory centrifuge used to separate two or more substances of different density in school and college labs. Its smooth-running, self-lubricating gearing lets an operator reach speeds of up to 3000 rpm by hand without difficulty, so this piece of chemistry lab equipment in India works with no mains power at all. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Type	Hand-operated centrifugal machine
Purpose	Separating two or more substances of different density
Operation	Manual, turned by hand
Gearing	Smooth-running, self-lubricating
Speed	Up to 3000 rpm, reached without difficulty through the gear ratio
Maintenance	Virtually maintenance-free
Power	No electricity required
Product code	SCL-511/05
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Hand Operated Centrifuge Used For?

In school chemistry practicals the machine separates a precipitate from its mother liquor during salt analysis, clears a turbid solution before a colour test, and shows how centrifugation splits cream from milk or sediment from muddy water. The gearing multiplies each turn of the handle, so a steady, comfortable pace brings the samples up to speed; ease off gradually and let the head stop on its own before lifting out the tubes.

Load tubes in opposite positions with equal volumes so the head stays balanced, and keep hands and loose sleeves clear while it turns. Because nothing needs plugging in, the machine can be moved between rooms or taken outdoors, which suits a new lab setup in a school where the power supply is intermittent; pair it with tubes, a rack and a Pasteur pipette for drawing off the clear layer.

OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is the OEM (original equipment manufacturer) of the Hand Operated Centrifugal Machine. It is made and assembled at the company's own licensed factory at Saha, Ambala, Haryana, India, rather than bought in from and interr