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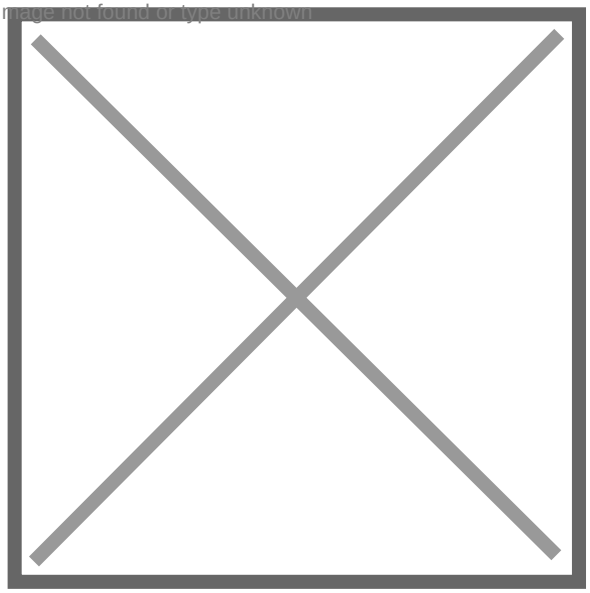
Product Name :

Centrifuge

Product Code :

SCI-282/01

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Science Lab
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Description :

Centrifuge (Product Code: SCI-282/01) is a bench laboratory centrifuge used to separate solids from liquids in small tubes in school, college and training laboratories. Its durable steel body houses a four-place swing-out rotor with removable buckets that spins 5 ml tubes at up to 2800 rpm, reaching a maximum RCF of 1100 g, with a viewing window and a rotor-energised warning indicator. This laboratory centrifuge is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Body	Durable steel
Rotor	Four-place swing-out rotor with removable buckets
Maximum speed	2800 rpm
Maximum RCF	1100 g
Maximum radius	130 mm
Tube capacity	5 ml
Maximum number of tubes	4
Tube dimensions	Ø16 x 105 mm; Ø10 x 75 mm with adapters
Operation	Push button operated by finger pressure; lid locks in position
Safety features	Viewing window; rotor energised warning indicator
Bowl	Easy wipe-clean, with no crevices
Rating	100 W
Voltage	230 V, 50 Hz
Product code	SCI-282/01
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Centrifuge Used For?

The centrifuge handles the low-speed separations that come up across science teaching: settling precipitates in qualitative inorganic analysis instead of filtering them, spinning yeast or bacterial cells out of a culture, and showing how centrifugal force speeds up sedimentation. The swing-out buckets let tubes swing horizontally as the rotor turns, so the pellet collects neatly at the bottom and the liquid above can be decanted or drawn off.

Always balance the rotor by loading tubes in opposite pairs with equal volumes, adding a water-filled tube if needed. Close the lid before starting and wait until the rotor has fully stopped before opening; the viewing window and warning indicator show when it is still turning. Wipe the smooth bowl [illegible] prepa[illegible]