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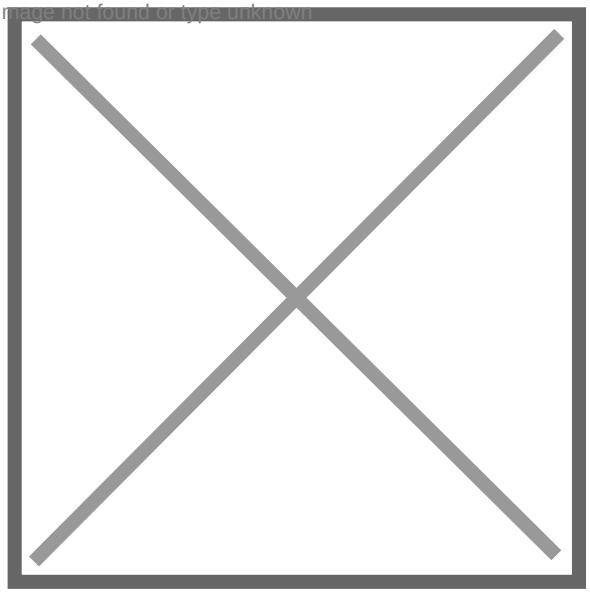
Product Name :

Centrifuge (Table Top)

Product Code :

SCL1413/05

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Description :

Centrifuge (Table Top) (Product Code: SCL1413/05) is a bench-mounted digital centrifuge used to spin sample tubes so that cells, precipitates and suspended particles separate from a liquid in biology and chemistry teaching laboratories. Its compact microprocessor configuration is programmable from 500 to 4400 rpm in 100 rpm steps, with a lid lock, a 0–99 minute timer and a choice of angle head. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, to institutions buying a laboratory centrifuge in India.

Specifications

Parameter	Detail
Control	Microprocessor based, digital
Body	Rust-proof ABS plastic injection moulding with metallic protection bowl
Safety	Lid lock for safe drive
Timer	0–99 minutes
Display	2-line, 16-character LCD showing rpm, RCF, set time and run time
Speed setting	Programmable from 500 to 4400 rpm in intervals of 100 rpm
Memory	Last test parameters recalled and displayed automaticallyon the LCD
High-speed digital version (also listed)	Digital speedometer, digital timer 0–59 minutes, maximum 20000 rpm (without load)
Angle head (any one)	8 x 15 ml / 6 x 50 ml / 6 x 25 ml / 24 x 1.5 ml
Product code	SCL1413/05
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Table Top Centrifuge Used For?

In school and college practicals the centrifuge settles cells out of a suspension, separates the liquid and solid parts of blood or culture samples for demonstration, clears soil and pond-water extracts before a colour test, and collects precipitates in simple biochemistry exercises. The angle head decides the tube format: the 24 x 1.5 ml head takes micro tubes for small-volume molecular work, while the 8 x 15 ml, 6 x 25 ml and 6 x 50 ml heads hold larger tubes for class sets.

Load tubes in opposite, balanced pairs with equal volumes, close the lid before starting and wait for the rotor to stop completely before opening. Because speed is set in 100 rpm steps and the display shows RCF alongside rpm, a method can be repeated exactly from one group of students to the next, and the last-used settings come back up automatically.

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