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Product Name :

Centrifuge Machine

Product Code :

SLE/CH/96



Science Lab
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Description :

Centrifuge Machine (Product Code: SLE/CH/96) is a microprocessor-based bench centrifuge that spins sample tubes at controlled speed so denser material, such as precipitates, cells or suspended solids, is driven to the bottom of each tube. A square mild-steel body, powder coated, carries a double-walled lightweight ABS lid, and a two-line LCD panel shows the countdown timer and a digital rpm reading while the programmable controller holds the set speed. College chemistry and biology labs, paramedical teaching labs and research groups use it for routine separations. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, which supplies this laboratory centrifuge in India and international markets.

Specifications

Parameter	Detail
Control	Microprocessor based
Body	Square M.S. (mild steel) body, powder coated
Lid	Double-walled, lightweight ABS
Display panel	Microprocessor-based LCD, 2 lines x 16 characters
Timer	0–59 minute countdown timer
Speed	Digital rpm meter with programmable speed controller
Rotor head supplied	One angle head: 8 x 15 ml or 4 x 50 ml

Typical Use

Fill tubes to the same level, place them in opposite positions in the angle head so the load is balanced, close the lid, then set the run time on the countdown timer and the speed on the programmable controller. The digital rpm meter lets students see when the rotor has reached the set speed, and the timer ends the run automatically, so a class can repeat a separation under the same conditions every time. Wait for the rotor to stop completely before opening the lid.

The 8 x 15 ml head suits batches of smaller tubes, for example several student groups separating precipitates at once, while the 4 x 50 ml head handles larger volumes such as sample preparation before analysis. Choose the head when ordering, keep the chamber clean and dry, and wipe up any spill immediately. For departments setting up lab equipment for research in India, it offers timed, repeatable runs in a compact bench unit.

Manufacturer

The Centrifuge Machine is manufactured by **Jain Scientific Equipments Private Limited**, trading as **ScienceLab**, a company based in Ambala, Haryana, India, that produces laboratory and teaching equipment. Our company profile gives further detail.

Related Laboratory Equipment

Tube

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