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Product Name :

Centrifuge, Clinical

Product Code :

SLE/LC/11



Science Lab
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Description :

Centrifuge, Clinical (Product Code: SLE/LC/11) is a CPU-controlled bench centrifuge used to separate serum, plasma and blood samples in clinical and diagnostic laboratories. Speed is set from 300 to 4500 rpm in 100 rpm steps, the large LCD shows RPM and G-force, and the rotor capacity is listed as 8 x 15 ml or 12 x 10/7/5 ml tubes. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, among its analytical lab instruments in India.

Specifications

Parameter	Detail
Speed range	300–4500 rpm, in increments of 100 rpm
Maximum RCF	2490 x g, in increments of 100 x g
Speed accuracy	±20 rpm
Run time	30 sec to 99 min, or HOLD (continuous operation)
Driving motor	Brushless DC motor
Rotor capacity	12 x 10 ml / 7 ml / 5 ml; 8 x 15 ml
Suitable tubes	15 ml cell culture tubes and a range of collection tubes
Control	CPU controls all operating parameters; settings can be changed after the set speed is reached
Display	Large LCD showing RPM, G-force and run information
Quick spin	PULSE mode (press and hold)
Safety	Auto-lock lid while spinning; automatic lid release at the end of the run
Noise level	Less than 56 dB
Main uses	Separation of serum, plasma and blood samples
Product code	SLE/LC/11
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the 4500 rpm Clinical Centrifuge Used For?

In a hospital or diagnostic laboratory this centrifuge handles the steady flow of collection tubes that must be spun before testing. The 12-tube configuration takes 5, 7 and 10 ml tubes, and the 8-tube configuration accepts 15 ml tubes such as cell culture tubes. Timing begins only once the set speed is reached, so every sample receives the full programmed separation time, and gentle braking avoids disturbing the separated layers as the rotor slows.

For a short spin, press and hold PULSE: the rotor accelerates to the required speed and holds it for as long as the button is held. Settings can be changed once speed is reached, and the automatic lid release at the end saves time and protects samples from heat build-up. Running below

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