Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Centrifuge, High Speed

Product Code :

SLE/LC/13



Science Lab
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Phone: +91-7082934803

Description :

Centrifuge, High Speed (Product Code: SLE/LC/13) is a high-speed micro-centrifuge used for specimen preparation in molecular and cellular biology and for research work such assedimenting cells and viruses and separating sub-cellular organelles. It spins from 200 to 15000rpm in 10 rpm steps, generates up to 21380 x g and carries an autoclavable 24 x 1.5/2.0 mlaluminium rotor. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala,India, as cell biology equipment for Indian and overseas laboratories.

Specifications

Parameter	Detail
Speed range	200–15000 rpm, in increments of 10 rpm
Maximum RCF	21380 x g, in increments of 10 x g
Speed accuracy	±20 rpm
Run time	30 sec to 99 min, or HOLD (continuous operation)
Driving motor	Brushless DC motor
Main rotor	24 x 1.5/2.0 ml, high-strength aluminium, fully autoclavable, with anti-sample-overflow design
Rotor options	Four rotors available; listed capacities 5 ml x 18, 0.2/0.5/1.5/2 ml x 24, 0.5 ml x 36, PCR8 x 4 (smaller tubes via adapters)
Display	LCD showing RPM and G-force; temperature display
Cooling	Special multi-flow air cooling system to help keep rotor temperature low
Lid	Dual interlocking design; releases automatically when the rotor stops
Quick spin	Short-spin function via the Pulse button
Casing	Cast casing for stability, reliability and noise reduction
Product code	SLE/LC/13
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the High Speed Micro-Centrifuge Used For?

Molecular biology work relies on a high-speed micro-centrifuge at almost every step: pelleting nucleic acids after alcohol precipitation, spin-column purification, clearing lysates and concentrating bacteria or cells. With four rotor options the same instrument can also take 5 ml tubes, 0.5 ml tubes and PCR 8-strips, so a lab can move from sample preparation to reaction set-up without changing machines, which is worth weighing when planning PCR equipment in India for a new lab.

The anti-overflow rotor stops tubes leaking during a run and causing microbial contamination, and the ro r count eat-sensi lps keep

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