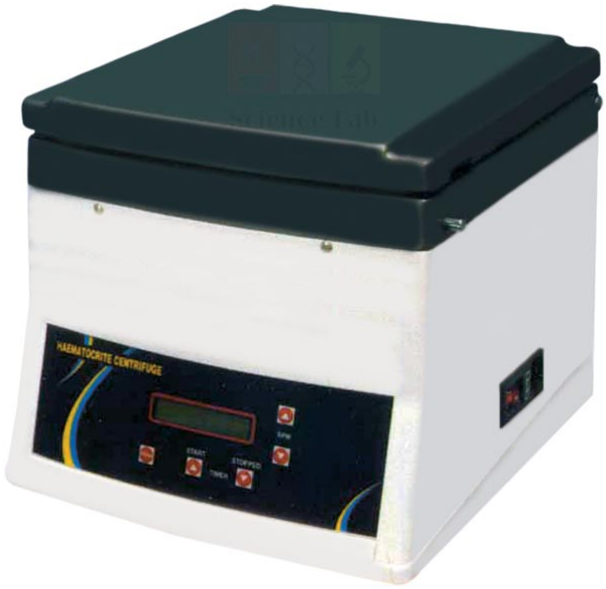
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Product Name :

Hematocrit Centrifuge

Product Code :

SLE/LC/07



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Description :

Hematocrit Centrifuge (Product Code: SLE/LC/07) is a microprocessor-based centrifuge used to spin blood-filled capillary tubes for haematocrit (packed cell volume) readings in clinical and teaching laboratories. Its micro hematocrit rotor takes 24 capillaries of 75 mm x 1 mm at preset speeds from 2000 to 13000 rpm, and it arrives with capillary tubes, a reading device and sealing wax. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as a laboratory centrifuge in India within its range of analytical lab instruments.

Specifications

Parameter	Detail
Type	Microprocessor-based haematocrit centrifuge
Maximum speed	13000 rpm
Speed setting	Microprocessor-controlled preset speed, 2000 to 13000 rpm
Display	Digital display of set time, run time and RPM
Timer	Microprocessor-based digital timer, 0–15 min, with LCD display
Rotor	Micro hematocrit rotor for 24 capillaries of 75 mm x 1 mm
Body	Compact plastic injection-moulded body
Inner bowl	Stainless steel safety bowl
Motor	Well-balanced universal motor with imported carbons, built for long life
Product code	SLE/LC/07
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

Accessories supplied with the centrifuge:

- Micro hematocrit rotor for 24 capillaries of 75 mm x 1 mm
- Heparinised capillary tubes, 75 mm long x 1 mm bore (pack of 100)
- Non-heparinised capillary tubes, 75 mm long x 1 mm bore (pack of 100)
- Reading device
- Sealing wax, 1 tray

What Is the Hematocrit Centrifuge Used For?

The Hematocrit Centrifuge is used to separate red cells from plasma inside sealed capillary tubes so that the proportion of packed cells can be read. Blood is drawn into a capillary, one end is plugged in the sealing wax tray, and the tubes go into the 24-place rotor with the sealed ends facing outward before the run is started at the preset speed and time.

After the spin, the lengths of the red cell column and the whole sample are compared on the reading device. Physiology and medical laboratory technology courses also use it for student practicals, since the set includes what the exercise needs, which makes it convenient biology lab equip
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