

5,500 RPM Laboratory Centrifuge with Horizontal Rotor

This laboratory centrifuge is designed with horizontal rotors for complete separation. It features a removable rotor and bucket that accepts multiple tube sizes, accommodating common blood draw tubes.



ADDITIONAL IMAGES



Overview



Versatile laboratory centrifuge suitable for PRP, PPP, and clinical research.

High-Performance Laboratory Centrifuge

The L-500 laboratory centrifuge is a versatile, table-top instrument engineered for superior separation efficiency using a horizontal rotor design. Ideal for clinical trials, biological research, and serum/plasma processing, it features a brushless DC motor for quiet, stable operation and a user-friendly touch panel with LED display. With robust safety protocols including imbalance detection and electronic lid locks, it provides a reliable solution for demanding laboratory environments.

Performance



Horizontal swing rotor design ensures superior stratification for serum separation.

Key Performance Metrics

5500 RPM

Max Speed

4980 xg

Max RCF

65 dB(A)

Noise Level

Speed Accuracy

10 r/min

Technical Specifications

ACCESSORIES



Standard accessories included with the unit: rotor, adapters, and maintenance tools.

Voltage Supply	AC 110V or 230V, 50/60Hz
Motor Type	Frequency / DC Brushless
Dimensions	580 x 470 x 355 mm
Weight	33 kg
Time Range	10s to 99min 59s

Features



Intuitive operation panel with emergency lid release and observation port.

Safety Systems

Over-speed Protection • Imbalance Protection • Lid Safety Lock • Electronic Door Lock • Emergency Release

Operational Capabilities

- Microcomputer control
- Programmable operation
- Automatic RCF calculation
- Last operation memory
- Touch panel interface

Applications

Typical Applications

PRP Serum Separation, PPP Fat Purification, Clinical Trials, Biological Research, Bio-chemical Analysis

Rotor Compatibility

<p>No.1</p>	<p>Rotor capacity: 12×15ml Max. speed: 5500r/min Max. RCF: 4160×g Adapters: 2ml、5ml、7ml</p>	<p>No.2</p>	<p>Rotor capacity: 4×50ml Max. speed: 5000r/min Max. RCF: 4980×g</p>
<p>No.3</p>	<p>Rotor capacity: 8×50ml Max. speed: 4300r/min Max. RCF: 3620×g</p>	<p>No.4</p>	<p>Rotor capacity: 4x8×15ml Max. speed: 4300r/min Max. RCF: 3620×g Adapters: 5ml、7ml、10ml</p>

Various rotor configurations available to accommodate different tube sizes and capacities.

Rotor Specifications

Rotor Type	Capacity	Max Speed
Rotor No.1	12 x 15ml	5500 RPM
Rotor No.2	4 x 50ml	5000 RPM
Rotor No.3	8 x 50ml	4300 RPM
Rotor No.5	4 x 100ml	5000 RPM
Rotor No.10	4 x 250ml	4500 RPM