



## **High Speed Centrifuge LD-LHS-C10**

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# High Speed Centrifuge LD-LHS-C10

## Overview

High-Speed Centrifuge LD-LHS-C10 is designed for rapid and efficient separation of biological, clinical, and chemical samples. It delivers reliable performance with precise centrifugal control, ensuring consistent sample processing for routine laboratory applications. Its advanced safety features, user-friendly operation, and efficient cooling system make it an ideal choice for research, diagnostic, pharmaceutical, and biotechnology laboratories.

## Features:

- Bio-safe autoclavable rotor
- Efficient dual air-cooling system
- Pulse function for rapid spin-down
- Speed and RCF conversion
- User-programmable operating parameters
- Automatic lid locking system
- Imbalance detection for safe operation
- Automatic fault diagnosis and alarm
- Quiet and stable performance
- Easy-to-clean, maintenance-friendly design

## Applications:

Suitable for separation of cells, nucleic acids, proteins, blood samples, microorganisms, and other biological specimens. Ideal for molecular biology, microbiology, clinical diagnostics, biotechnology, pharmaceutical laboratories, research institutes, and universities.

## Specifications:

|                |                               |
|----------------|-------------------------------|
| Display        | LCD Display                   |
| Lid Lock       | Automatic Electronic Lock     |
| Net Weight     | 30 kg                         |
| Drive Motor    | Brushless DC Motor            |
| Maximum RCF    | 21,380 × g                    |
| Noise Level    | ? 56 dB                       |
| Timer Range    | 30 sec to 99 min / Continuous |
| Power Supply   | AC 100–240 V, 50/60 Hz        |
| Maximum Speed  | 15,000 rpm                    |
| Cooling System | Dual Air Cooling              |

|                                         |                                                                   |
|-----------------------------------------|-------------------------------------------------------------------|
| <b>Pulse Function</b>                   | Available                                                         |
| <b>Rotor Material</b>                   | Autoclavable Aluminium Alloy                                      |
| <b>Speed Accuracy</b>                   | ±20 rpm                                                           |
| <b>Safety Features</b>                  | Imbalance Detection, Over speed Protection, Automatic Fault Alarm |
| <b>Maximum Capacity</b>                 | 24 × 1.5 / 2.0 mL                                                 |
| <b>Power Consumption</b>                | 500 W                                                             |
| <b>Speed / RCF Conversion</b>           | Available                                                         |
| <b>Dimensions (W × D × H)</b>           | 332 × 553 × 283 mm                                                |
| <b>Acceleration / Deceleration</b>      | 9 Acceleration / 10 Deceleration Levels                           |
| <b>Acceleration / Deceleration Time</b> | 25 s                                                              |