



## **PRP Centrifuge LD-LPRP-A11**

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# PRP Centrifuge LD-LPRP-A11

## Overview

Refrigerated PRP Centrifuge LD-LPRP-A11 is engineered for efficient separation of platelet-rich plasma (PRP), fat, and other biological samples. Designed for precision, safety, and dependable performance, it is suitable for clinical and laboratory workflows requiring controlled centrifugation and temperature regulation. The unit supports a variety of PRP kits and tube configurations, making it a versatile solution for regenerative medicine and laboratory applications.

## Features:

- Microprocessor-controlled system with frequency-conversion brushless AC motor for reliable operation
- LCD display enables intuitive parameter setting and real-time monitoring
- Imbalance detection, over speed protection, and lid-lock safety system ensure secure operation
- Adjustable speed, time, acceleration, and deceleration settings for process flexibility
- Free-time braking function improves sample handling efficiency
- Compatible with multiple PRP kits, tubes, and syringe rotors for enhanced versatility
- Sealed syringe cover, plugs, and adapters minimize contamination during fat-transfer procedures
- Optimized rotor design delivers high PRP recovery with improved separation efficiency

## Applications:

Ideal for platelet-rich plasma (PRP) preparation, fat purification, regenerative medicine, cosmetic surgery, dermatology centres, blood processing laboratories, and biomedical research facilities. It is also suitable for applications involving cell separation and sample preparation.

## Specifications:

|             |                                                    |
|-------------|----------------------------------------------------|
| Motor       | Microprocessor Control, Frequency Conversion Motor |
| Display     | LCD                                                |
| Rotor 1     | Swing Rotor, 4 × 60 mL                             |
| Rotor 2     | Swing Rotor, 16 × 15 mL                            |
| Rotor 3     | Syringe Rotor, 4 × 20/50 mL                        |
| Rotor 4     | Custom Rotor (Optional)                            |
| Net Weight  | 80 kg                                              |
| Maximum RCF | 4390 × g                                           |
| Noise Level | ?60 dB(A)                                          |
| Timer Range | 0–99 min                                           |

|                               |                             |
|-------------------------------|-----------------------------|
| <b>Power Supply</b>           | AC 110/220 V, 50/60 Hz, 5 A |
| <b>Maximum Speed</b>          | 5000 rpm                    |
| <b>Speed Accuracy</b>         | ±20 rpm                     |
| <b>Temperature Range</b>      | -20°C to +40°C              |
| <b>Dimensions (L × W × H)</b> | 620 × 690 × 415 mm          |