

PRP Centrifuge

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PRP (platelet rich plasma) Centrifuge LPRP-A10 is a low speed centrifuge having 4000 rpm maximum speed and 3220 $\times$ g maximum RCF. It is safe, reliable and user friendly instrument equipped with brushless frequency motor, digital display, flexible axle driven rotor system, automatic electric lid lock system and so on, to ensure and enhance the torque. Maintenance is negligible; prevent powder pollution; not much noise and vibration are produced from it. The speed can be adjusted swiftly and is easy to access which ensures perfect separation.

Features:

- Microprocessor temperature controlled system
- Digital display which indicates the speed, time
- Running parameter can be edited
- Adapter is not needed for 30cc, 50cc PRP swing out rotor
- RCF adaptable to speed change and can be simply operated
- 10 kinds of program stored in the memory, 10 kinds of accelerating and decelerating speed for your choice
- Centrifuge body is made of high quality steel which is safe and reliable
- Rotor is connected to spindle by specialized taper sleeve which makes loading simple and quick

Applications:

Structured to meet the most requirements of laboratories and therefore used in the field of biochemistry, pathology, medical laboratories, bio-pharma industry, laboratory and so on.

Specifications:

Model no.	LD-LPRP-A10
Noise	≤ 55 dBA
Timer	0 ~ 99 min
Net weight	40 kg
Maximum RCF	3200 $\times$ g
Power supply	AC 220 V 50 Hz, 2A
Maximum speed	4000 rpm
Maximum volume	4 $\times$ 50 ml
Speed accuracy	± 10 rpm
Dimension(D $\times$ W $\times$ H)	585 $\times$ 440 $\times$ 315 mm

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:

Model no.	LD-LPRP-A11
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
Power Supply	AC 110/220 V, 50/60 Hz, 5 A
Maximum Speed	5000 rpm
Speed Accuracy	±20 rpm
Temperature Range	-20°C to +40°C
Dimensions (L × W × H)	620 × 690 × 415 mm