

labodam



# REFRIGERATED CENTRIFUGE

**LRF-A2 Series**

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## Refrigerated Centrifuge LRF-A20

This model is a microprocessor controlled low maintenance noiseless refrigerated centrifuge having flexible axle driven rotor system and 3 tier protective steel covering to ensure safety. It is reliable and easy-to-operate instrument with an ability to store up to 30 different kinds of programs and is equipped with LCD display, brushless frequency motor, auto electric lid lock system and fluorine free compressor with double cycle cooling and heating effect.

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### Features

- ▣ Microprocessor controlled system
- ▣ Flexible axle driven rotor system
- ▣ Brushless frequency motor
- ▣ 3 tier protective steel covering to ensure safety
- ▣ 10 inches LCD display that shows all the running parameters
- ▣ Fluorine free compressor with double cycle cooling and heating effect
- ▣ Automatic electric lid lock system that provides protection against over speed, over temperature and imbalance
- ▣ Precise in temperature control
- ▣ 30 kinds of programs can be stored in the memory
- ▣ User can select among 10 different kinds of accelerating and decelerating speed
- ▣ Low maintenance
- ▣ Environment friendly

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### Applications

It can be used in biochemical and clinical labs for precipitate separation, serum analysis etc. and is widely used in the pharmaceutical industry and at blood station. It is ideal for DNA, RNA, PCR or antibody analysis.

# Refrigerated Centrifuge

## Specifications

<b>Model no.</b>	<b>LRF-A20</b>
Max. Speed	6000 rpm
Max. RCF	6600 x g
Max. Capacity	6 x 1000 ml
Temperature Range	-20 °C to 40 °C
Temp. Accuracy	± 1 °C
Speed Accuracy	± 20 rpm
Timer range	1-99 hr. 59 min
Noise	≤ 55 dB
Rotor Identification	Automatic
Power Supply	AC 110-220V/ 50-60Hz/ 20 A
Dimension	940 x 735 x 1260 mm
Packaged Dimension	1150 x 1050 x 1405 mm
Net Weight	260 kg
Gross Weight	300 kg

Select the suitable rotor as per your requirement from the list given below:

Rotor Name	Max. Speed (rpm)	Max. Capacity (ml)	Max. RCF (x g)
Angle rotor 01	6000	6 x 500	6600
Angle rotor 02	6000	6 x 300	5660
Angle rotor 03	6000	4 x 300	5390
Swing rotor 01	4200	6 x 1000 (Round Cup)	5100

Adapter for 1000 ml bucket:

Volume	5 ml	7 ml	10 ml	15 ml	50 ml
1000 ml	23pcs/cup	23	19	14	5

## Refrigerated Centrifuge LRF-A21

This model is a microprocessor controlled refrigerated centrifuge having 6000 rpm speed. It is safe, reliable, low noise, maintenance free, smooth in operation instrument having 3 tier protective steel covering and flexible axle driven rotor system. With features such as auto- matic electric lid lock system and fluorine free compressor, it is ideal for low temperature separation of samples.

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### Features

- ▣ Microprocessor controlled system
  - ▣ Flexible axle driven rotor system
  - ▣ Brushless frequency motor
  - ▣ 3 tier protective steel covering to ensure safety
  - ▣ Digital display that shows all the running parameters
  - ▣ Fluorine free compressor with double cycle cooling and heating effect
  - ▣ Automatic electric lid lock system that provides protection against over speed, over temperature and imbalance
  - ▣ Precise in temperature control
  - ▣ 10 kinds of programs can be stored in the memory
  - ▣ User can select among 10 different kinds of accelerating and decelerating speed
  - ▣ Wide range of rotors is available
  - ▣ Adapters can be designed as per the experimental requirement
  - ▣ Low maintenance
  - ▣ Environment friendly
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### Applications

It can be used in biochemical and clinical labs for precipitate separation, serum analysis etc. and is widely used in the pharmaceutical industry and at blood station. It is ideal for DNA, RNA, PCR or antibody analysis.

## Specifications

Model no.	LRF-A21
Max. Speed	6000 rpm
Max. RCF	6600 x g
Max. Capacity	4 x 1000 ml
Temperature Range	-20 °C to 40 °C
Temp. Accuracy	± 1 °C
Speed Accuracy	± 50 r/min
Timer range	0-99 hr. 59 min
Noise	≤ 55 dB
Power Supply	AC 110-220 V/ 50-60 Hz/ 20 A
Dimension	800 x 675 x 830 mm
Packaged Dimension	1500 x 790 x 960 mm
Net Weight	220 kg
Gross Weight	260 kg

Select the suitable rotor as per your requirement from the list given below:

Rotor Name	Max. Speed (rpm)	Max. Capacity (ml)	Max. RCF (x g)
Swing rotor 01	4000	4 x 1000 (Round Cup)	4060
Angle rotor 01	6000	4 x 300	5390
Angle rotor 02	6000	6 x 300	5660
Angle rotor 03	6000	6 x 500	6600

Adapter for 1000 ml bucket:

Volume	5 ml	7 ml	10 ml	15 ml	50 ml
1000 ml	23pcs/cup	23	19	14	5