



Refrigerated Centrifuge LRF-A10

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Overview

Refrigerated Centrifuge LRF-A10 is a microprocessor controlled floor standing refrigerated centrifuge having 5000 rpm speed. It is safe, reliable, low maintenance and easy-to-use instrument equipped with LCD display and low noise flexible axle driven rotor system. With auto electric locking system fluorine free compressors and 3 tier protective steel covering, it is ideal for blood separation, protein precipitation etc. and can be used at blood station and pharmaceutical industry for variety of applications.

Specifications :

Max. Speed	5000 rpm
Max. RCF	4730 x g
Max. Capacity	4 x 500 ml
Temp. Range	-20°C to 40°C
Temp. Accuracy	± 1 °C
Speed Accuracy	± 50 rpm
Timer Range	0 - 99 hr. 59 min
Noise	≤ 58 dB
Rotor Identification	Automatic
Power Supply	AC 110 - 220 V/ 50 - 60 Hz / 15 A
Dimension (H x W x D)	685 x 540 x 820 mm
Packaged Dimension (H x W x D)	845 x 585 x 515 mm
Net Weight	170 kg
Gross Weight	190 kg

Features :

Microprocessor controlled system
 LCD display that indicates speed, time and RCF in operation
 3 tiers protective steel covering
 Low noise flexible axle driven rotor system which ensures smooth functioning
 Brushless frequency conversion motor
 Fluorine free compressors with double cycle cooling and heating system
 Automatic electric lid lock that provides protection against over speed and temperature and imbalance
 Rotor is connected to spindle by specialized taper sleeve
 Enables easy and quick loading of samples
 Optional rotors available
 Safe, reliable and easy-to-use
 Low maintenance
 Environment friendly

Applications :

It is widely used in biochemical and clinical labs for precipitate separation and serum analysis, in pharmaceutical industry etc. and is perfect for DNA, RNA, PCR or antibody analysis.

Rotor Selection :

Rotor Name	Max. Speed (rpm)	Max. Capacity (ml)	Max. RCF (x g)
Swing rotor 01	4000	4 x 800 (Round Cup)	3450
Swing rotor 02	4000	4 x 500 (Round Cup)	3380
Swing rotor 03	4000	4 x 500 (Square Cup)	3310
Microplate rotor 01	4000	4 x 4 x 96 well	2840
		2 x 4 x 96 well	2490
		2 x 3 x 48 well	2300
Swing rotor 04	4000	4 x 40 x 7	3270
		4 x 40 x 5	2890
		4 x 18 x 10	3140
Angle rotor 01	5000	12 x 15	3080
Angle rotor 02	5000	6 x 50	2850
Angle rotor 03	5000	4 x 50	2520
Angle rotor 04	5000	4 x 100	2630
Angle rotor 05	5000	24 x 15	3500
Angle rotor 06	5000	12 x 50	3860
Angle rotor 07	5000	6 x 100	3130
Angle rotor 08	4000	12 x 100	2970

Adapter Selection :

Adapter for 800ml and 500ml bucket:

Volume	5ml	7ml	10ml	15ml	50ml
800ml □Round Cup□	23pcs/cup	23	19	14	5
500ml □Round Cup□	18pcs/cup	18	14	9	3
500ml □Square Cup□	20pcs/cup	20	16	12	5



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