

REFRIGERATED CENTRIFUGE

LRF-C10



Refrigerated Centrifuge LRF-C10

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LRF-C10 is a microprocessor controlled table top type high speed refrigerated centrifuge with 20000 rpm speed and flexible axle driven rotor system. It is noiseless, pollution-free instrument with highly sophisticated design delivering high precision in results. It is equipped with brushless frequency motor, fluorine free compressor, automatic electric lid lock system and helps to separate crude samples that are heat labile or demands low temperature during their experimental protocol.

Features

- Microprocessor controlled system
 - Flexible axle driven rotor system that ensures smooth functioning
 - 3 tier protection steel covering to ensure safety
 - Digital display that indicates all running parameters
 - Automatic electric locking system that ensures protection against over speed, over temperature and imbalance
 - Provision to change running parameters
 - 30 different programs can be stored in the memory
 - 10 different acceleration and deceleration speed available
 - Uses 3 kinds of centrifugal methods: speed, RCF and ω^2t
 - Rotor is connected to spindle by specialized taper sleeve
 - Wide range of rotors that are compatible with the instrument are available
 - Adapters can be designed as per the experimental requirement
 - Safe, reliable and efficient
 - Pollution free
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Applications

LRF-C10 is extensively used for protein precipitation, RNA extraction in the field of medicine, life science, agriculture science etc

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Specifications

Model no.	LRF-C10
Max. Speed	21000 rpm
Max. RCF	30910 x g
Max. Capacity	6 x 100 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
Power Supply	AC 110-220 V/ 50-60 Hz/ 10 A
Dimension	380 x 608 x 570 mm
Packaged Dimension	830 x 650 x 500 mm
Net Weight	82 kg
Gross Weight	92 kg

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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 O1	21000	12×1.5/2ml	30910
Angle Rotor O2	15000	40×0.5ml	22920
Angle Rotor O3	17000	24×1.5/2ml	26460
Angle Rotor O4	13500	30×1.5/2ml	19340
Angle Rotor O5	16000	16×5ml	22020
Angle Rotor O6	14000	12×7ml	21380
Angle Rotor O7	10000	12×15ml	11840
Angle Rotor O8	15000	12×10ml	22680
Angle Rotor O9	15000	8×20ml	22680
Angle Rotor O10	14000	6×30ml	19060
Angle Rotor O11	12000	6×50ml	16050
Angle Rotor O12	12000	6×70ml	15570
Angle Rotor O13	12000	4×100ml	14850
Angle Rotor O14	12000	6×100ml	14850
Angle Rotor O15	16000	6×10ml	21500
Angle Rotor O16	18000	30×0.5ml	26660
Angle Rotor O17	13500	48×1.5/2ml	17930
Microplate O1	4000	2×3×48 well	2300