



**REFRIGERATED
CENTRIFUGE LRF-B40**

Refrigerated Centrifuge LRF-B40 is a compact design, microprocessor controlled, tabletop high speed refrigerated centrifuge with 18500 rpm speed and 4 × 180 ml maximum capacity, 23990 ×g maximum RCF flexible driven rotor system. Equipped with electric lid lock system, over speed, over temperature protection and imbalance sensor. Designed with LED display the speed, time and temperature. It offers brushless frequency motor, which in great torque, no powder pollution, and free maintenance, quick in speed up and down. It is widely used to qualitative analysis of blood serum, plasma and urea in the fields of hospital etc.

Features

- ❑ Microprocessor control system high speed refrigerated centrifuge
- ❑ Brushless frequency motor with great torque, no powder pollution, free maintenance, quick in speed up and down
- ❑ Temperature ranges from -20 to -40°C
- ❑ Unique noise reduction system, running quieter
- ❑ CFC Free Compressor, pre-cooling design, cold and hot alternation, precise temperature control
- ❑ LED screen displays the speed, time, temperature parameters
- ❑ Time ranges from 0 to 99 h 59 min
- ❑ Automatic electric lid lock system, over speed, over temperature protection and imbalance sensor
- ❑ CE, ISO Certified unit & Can avail Calibration reports

Application

High speed refrigerated centrifuge is used for qualitative analysis of biochemical, biological, samples, test samples like blood serum, plasma and urea across pathology, medicine, biochemistry, biotechnology, and other research and testing fields.

Specifications

Model	LRF-B40
Maximum speed	18500 rpm
Maximum RCF	23990 × g
Maximum capacity	4 × 180 ml
Temperature range	-20°C to 40°C
Acc / Dec	Yes , 10 kinds
Speed Accuracy	± 20 rpm
Temperature Accuracy	±1°C
RPM / RCF Convert	Yes
Noise	≤ 55 dB
Timer	0 to 99 h 59 min
Packing Dimension (L×W×H)	810×650×500 mm
Gross Weight	110 kg

Standard Rotor Selection

Rotor name	Maximum speed	Maximum capacity	Maximum RCF
Angle Rotor 01	11000 rpm	48 × 1.5 ml	12480 × g
Swing Rotor 01	4000 rpm	4 × 2 × 50 ml	2820 × g
Swing Rotor 02	4000 rpm	4 × 4 × 15 ml	2820 × g
Microplate Rotor (Frame Type)	4000 rpm	2 × 3 × 96 well	2020 × g
Microplate Rotor (Box Type)	4000 rpm	2 × 3 × 96 well	1980 × g