



Low speed centrifuge LB-20LSC



Overview :

Low speed centrifuge LB-20LSC is a microcomputer controlled unit with 6000 rpm driven by brushless DC stepless speed regulation motor. Features a special key for centrifugal force through which the centrifugal force can be set or observed anytime during the process.

Specifications :

Max speed	6000 rpm
Max RCF	5000 x g
Rotor capacity	4 x 100 ml
Temperature raise	≤ 10 °C
Speed accuracy	± 20 rpm
Noise	≤ 55 dB
Timer range (continuation/ short term centrifugal)	1 s- 99 mins
Power supply	AC 220 V 50 Hz
Power	300 VA
Dimensions	433 x 580 x 402 mm
Weight	65 kgs

Features :

1. Microcomputer controlled system
2. Driven by brushless DC stepless speed regulating motor
3. Automatic stop on opening of the door to ensure operational safety
4. AC frequency conversion motor drive
5. Offers nine ascending and descending rate selection modes
6. Offers ten different kinds of custom work mode selection
7. Speed/ centrifugal force can be set and double synchronous display screen
8. Door with double lock rod design, magnetic locks and electric door
9. Up to 30 grams stress tolerance with no special load balancing

Applications :

Used for a wide range of biomedical analysis, immunoenzyme analysis, microplate processing and cell culture applications.

Rotor Selections:

Sr No	Model	Max speed	Max RCF	Rotor capacity
1	Swing out rotor	5000 rpm	4472 x g	4 x 100 ml (round hanging cup)
	Adapter 01			4 x 100 ml
	Adapter 02			4 x 50 ml
	Adapter 03			12 x 15 ml (bottom tip with cover)
				12 x urinary sediment tubes
	Adapter 04			16 x 10 ml/15 ml
				16 x Vacuum blood tube (higher)
	Adapter 05			16 x vacuum blood tube (lower)
2	Angle rotor	6000 rpm	5000 x g	12 x 15 ml
3	ELISA plate rotor	4000 rpm	1842 x g	96 holes x 2