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HIGH SPEED CENTRIFUGE

LX104HSC



High speed centrifuge LX104HSC

High Speed Centrifuge LX104HSC is a benchtop microprocessor controlled unit with a speed of 16000 rpm. Integrated with a digital display for indication of speed, time and RCF. Automatic electric lid lock system provides protection against over speed, over temperature and imbalance ensuring operational safety.

Features

- Centrifugal speed - 16000 rpm
- Microprocessor controlled system
- 3 tier protective steel covering
- Digital display that indicates speed, time and RCF in operation
- 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 to ensure safety of the operation
- Rotor is connected to spindle by specialized taper sleeve
- Provision to edit running parameters
- Wide range of optional rotors is available
- Adapters can be designed as per the experimental requirement

Applications

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

Specification

Model No.	LX104HSC
Maximum speed	16000 rpm
Maximum RCF	20600 x g
Maximum capacity	10 x 5 ml
Speed accuracy	± 20 rpm
Timer range	1 - 9 hr 59 mins
Noise	≤ 58 dB
Power supply	AC 220 V / 50 Hz / 10 A
Dimensions (H x W x D)	608 x 570 x 380 mm
Weight	82 kgs

Rotor Selection

Rotor Name	Maximum Speed (rpm)	Maximum Capacity (ml)	Maximum RCF x g
Angle Rotor 01	16000	12 x 1.5/ 2	17940
Angle Rotor 02	14000	40 x 0.5	19970
Angle Rotor 03	15000	24 x 1.5/ 2	20600
Angle Rotor 04	13500	30 x 1.5/ 2	19340
Angle Rotor 05	15000	16 x 5	19350
Angle Rotor 06	14000	12 x 7	16370
Angle Rotor 07	10000	12 x 15	11840
Angle Rotor 08	12000	12 x 10	14510
Angle Rotor 09	12000	8 x 20	14510
Angle Rotor 10	12000	6 x 30	14000
Angle Rotor 11	11000	6 x 50	13480
Angle Rotor 12	10000	6 x 70	10810
Angle Rotor 13	10000	4 x 100	10310
Angle Rotor 14	10000	6 x 100	11380
Angle Rotor 15	14000	6 x 10	16460
Angle Rotor 16	15000	30 x 0.5	18510
Angle Rotor 17	11000	48 x 1.5/ 2	12840
Angle Rotor 18	14000	4 x 8 PCR	12070
Angle Rotor 19	13000	6 x 8 PCR	16080
Angle Rotor 20	14000	8 x 8 PCR	13390
Microplate 01	4000	2 x 3 x 48 well	2300