



Centrifuge LMC-3000

Description

LMC-3000 is a modern low-speed bench-top centrifuge designed for operation with microtest plates and centrifuge tubes up to 50 ml. This device is widely used in biomedical profile laboratories.

Benefits

- Soft start and run-down of the rotor;
- User-friendly setting of centrifugation parameters (speed and time) and simultaneous display of both set and actual values;
- Safe operation at any speed is provided by metal protection chamber and case cover, automatic stop at imbalance and a lock keeping the lid closed while the centrifuge is running;
- Rotor selection;
- Setting rotor speed in RPM or RCF;
- Multiple acceleration (Slow, Normal, Fast) and deceleration (0, Slow, Normal, Fast) modes and possibility to switch off forced braking;
- Low noise level;
- Wide choice of accessory rotors.



LMC-3000

Specifications

Speed regulation range for centrifuge tubes	100 – 3000 rpm (560 x g)
Speed regulation range for microtitre plates	100 – 2000 rpm (560 x g)
Setting resolution	100 rpm
Digital time setting	1 – 90 min (increment 1 min)
Rotor imbalance diagnostics (automatic stop, "IMBALANCE" warning)	+
Display	LCD, 2 x 16 signs
Chamber diameter	335 mm
Overall dimensions (W x D x H)	420 x 495 x 235 mm
Weight	11.8 kg
Nominal operating voltage	230 V, 50/60 Hz
Power consumption (230 V)	110 W (0.5 A)
Item Number	109.3020



Optional Rotors for LMC-3000



R-2

Rotor R-2, Swing-out rotor for standard 96-well microtitre plates

Skirted PCR plates, deepwell plates up to 45mm.

Platform dimensions (W x L)	128 x 85.6 mm
Max. height	up to 45 mm
Capacity	2
Max. speed	2000 rpm
Max. RCF	560 x g
Suitable Tubes	Nunc, Greiner, Sarstedt, Corning, Greiner, Bio-one, etc.
Item Number	109.3021



R-12/10

Rotor R-12/10, Swing-out rotor for round bottom centrifuge tube

Tube dimensions (Ø x length)	16 x 105 mm
Capacity	12
Tube volume	10 – 15 ml
Max. speed	4200 rpm
Max. RCF	1610 x g
Suitable Tubes	Nunc, Greiner, Bio-one, TPP etc.



R-12/15

Rotor R-12/15, Swing-out rotor for conical bottom centrifuge tube

Tube dimensions (Ø x length)	17 x 120 mm
Capacity	12
Tube volume	15 ml
Max. speed	4200 rpm
Max. RCF	1610 x g
Suitable Tubes	Falcon, Greiner, Bio-one, Sarstedt, Corning, Nunc, etc.



R-6

Swing-out rotor for conical bottom centrifuge tube

Tube holders material	Aluminium/POM Kocetal (Rotor R-6P)
Tubes dimensions(Ø x length)	29 x 115 mm
Capacity	6
Tube volume	50 ml
Max. speed	4200 rpm
Max. RCF:	1610 x g
Suitable Tubes:	Falcon, Greiner, Bio-one, Sarstedt, Corning, Nunc, etc.



R-6P



BN-13/75

BN-13/100 BN-16/100

Adapter-Set Vacutainers

BN-13/75 (12 pcs)	for rotor R-12/10, for vacutainers 2 – 5 ml
BN-13/100 (12 pcs)	for rotor R-12/10, for vacutainers 4 – 8 ml
BN-16/100 (12 pcs)	for rotor R-12/10, for vacutainers 8 – 10 ml