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Medical-Biological Research & Technologies

LMC-3000, Laboratory Centrifuge

Basic Plus Product Class

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.

Features:

- 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.

SPECIFICATIONS

Speed regulation range for centrifuge tubes	100-3000 rpm (1610 × g)
Speed regulation range for microtitre plates	100-2000 rpm (560 × g)
Setting resolution	100 rpm
Digital time setting	1 - 90 min (increment 1 min)
Timer sound signal	+
Rotor imbalance diagnostics (automatic stop, “IMBALANCE” warning)	+
Display	LCD, 2 x 16 signs
Chamber diameter	335 mm
Overall dimensions (W×D×H)	420 x 495 x 235 mm
Weight	11.8 kg
Nominal operating voltage	230 V, 50/60 Hz or 120 V, 50/60 Hz
Power consumption (230V / 120 V)	110 W (0.5 A) / 120 W (1 A)

CAT. NUMBER

Without rotor	Without rotor
BS-010208-AAA	230VAC 50/60Hz Euro plug
BS-010208-AAB	230VAC 50/60Hz UK plug
BS-010208-AA3	230VAC 50/60Hz AU plug
BS-010208-AAC	100VAC 50/60Hz US plug, 120VAC 60Hz US plug
BS-010208-GK	IQ OQ document
BS-010208-LK	PQ document

ACCESSORIES



R-6
BS-010208-DK
rotor

Swing-out rotor for conical bottom centrifuge tube. Aluminium buckets.



R-6P
BS-010208-XK
Rotor

Swing-out rotor for conical bottom centrifuge tube. Plastic buckets (POM Kocetal).



R-12/10
BS-010208-BK
Rotor

Swing-out rotor for round bottom centrifuge tube.



BN-13/75
BS-010208-PK
adapter set

For rotor R-12/10, R-24/10 optional adapter set (12 pcs) - BN-13/75 for vacutainers 2-5 ml



BN-13/100
BS-010208-QK
adapter set

For rotor R-12/10, R-24/10 optional adapter set (12 pcs) - BN-13/100 for vacutainers 4-8 ml



BN-16/100
BS-010208-RK
adapter set

For rotor R-12/10, R-24/10 optional adapter set (12 pcs) - BN-16/100 for vacutainers 8-10 ml



R-12/15
BS-010208-EK
Rotor

Swing-out rotor for conical bottom centrifuge tube.



R-2
BS-010208-AK
Rotor

Swing-out rotor for standard 96-well microtitre plates, skirted PCR plates, deepwell plates up to 45mm.



AP-96
BS-010219-DK
adapter

2 adapters for 96-well semi-skirted and non-skirted PCR plates - made of Ertacetal® C. Autoclavable



AP-384
BS-010219-EK
adapter

2 adapters for 384-well plates - made of Ertacetal® C. Autoclavable



R-24GC
BS-010208-VK
Rotor

Rotor for 24 Gel Cards for blood group serology testing (Forward Group, Reverse Group, RhD Type and 3 cell antibody screen)



RR-U
BS-010208-UK
rack for rotors

Rack for rotors



BN-11/30
BS-010208-ZK
bucket set for rotor R-6P

Spare bucket set for rotor R-6P. Plastic buckets (POM Kocetal) (6 pcs).



BN-16/90
BS-010208-SK
bucket set for rotor R-12/10 R-24/10

Spare bucket set for rotor R-12/10, R-24/10. Plastic buckets (12 pcs).



BN-17/120
BS-010208-TK
bucket set for rotor R-12/15

Spare bucket set for rotor R-12/15. Plastic buckets (12 pcs).