

LMC-3000, Laboratory Centrifuge



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 (Slow, Normal, Fast) modes and possibility to switch off forced braking**.*
- Low noise level;
- Wide choice of accessory rotors.

Additional information about centrifuge rotors

***NEW FUNCTION**

SPECIFICATION

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
Rotor imbalance diagnostics (automatic stop, "IMBALANCE" warning)	+
Display	LCD, 2 × 16 signs
Digital time setting	1 - 90 min (increment 1 min)
Chamber diameter	335 mm
Overall dimensions (W×D×H)	495 x 410 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. NR.

	LMC-3000 without rotors incl. power plug
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
BS-010208-AAC	120VAC 60Hz US plug
-----	Optional accessories
BS-010208-DK	Rotor R-6
BS-010208-XK	Rotor R-6P
BS-010208-EK	Rotor R-12/15
BS-010208-BK	Rotor R-12/10
BS-010208-AK	Rotor R-2

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BS-010208-VK	Rotor R-24GC
BS-010208-UK	Rack for rotors RR-U

BS-010208-PK	For rotor R-12/10 optional adapter set (12 pcs) - BN-13/75 for vacutainers 2-5 ml
BS-010208-QK	For rotor R-12/10 optional adapter set (12 pcs) - BN-13/100 for vacutainers 4-8 ml
BS-010208-RK	For rotor R-12/10 optional adapter set (12 pcs) - BN-16/100 for vacutainers 8-9 ml

BS-010219-DK	For rotor R-2 optional adapter set (2 pcs) - AP-96 for 96-well semi-skirted and non-skirted PCR plates
BS-010219-EK	For rotor R-2 optional adapter set (2 pcs) - AP-384 for 384-well plates

BS-010208-GK	IQ OQ document
BS-010208-LK	PQ document

Replacement parts	
BS-010208-ZK	For rotor R-6P adapter set (6 pcs) - BN-11/30
BS-010208-TK	For rotor R-12/15 adapter set (12 pcs) - BN-17/120
BS-010208-SK	For rotor R-12/10 adapter set (12 pcs) - BN-16/90

ACCESSORIES



R-6

Swing-out rotor for conical bottom centrifuge tube. RCF 1610 x g. Aluminium buckets.



R-6P

Swing-out rotor for conical bottom centrifuge tube. RCF 1610 x g. Plastic buckets (POM Kocetal).

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R-12/15

Swing-out rotor for conical bottom centrifuge tube. RCF 1610x g



R-24GC

Rotor for 24 Gel Cards for blood group serology testing (Forward Group, Reverse Group, RhD Type and 3 cell antibody screen) RCF 280 x g



R-12/10

Swing-out rotor for round bottom centrifuge tube. RCF 1610 x g



BN-13/75, BN-13/100, BN-16/100 for R-12/10

Adapter set (12 pcs) for vacutainers® 2-5; 4-8; 8-9 ml - made of POM-C (polyacetal). Max temperature +100°C.



R-2

Swing-out rotor for standard 96-well microtitre plates. RCF 560 x g

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AP-96 for R-2

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



RR-U

Rack for rotors