

LMC-3000 general purpose benchtop centrifuge

Low speed benchtop centrifuge with interchangeable rotors for accommodating centrifuge tubes (from 2 to 50ml) or microplates.

- Spin speed: up to 3000rpm for tubes, up to 2000rpm for microtitre plates
- Timed operation (1 to 90 minutes), with automatic switch-off
- 'Soft-start' and 'run-down' of the rotor
- Choice of interchangeable rotors for up to 12 centrifuge tubes or 2 microplates
- Auto 'IMBALANCE' stop and warning diagnostics
- Low noise level



LMC-3000 general purpose centrifuge fitted with R-2 rotor shown

Convenient interchangeable rotor for 6 or 12 tubes of varying sizes or 2 microplates (standard and deep well). Please specify when ordering, sold separately.

The powerful and extremely quiet motor has a 'soft-start' and 'run-down' function to avoid jolting of samples.

Compact design with small footprint – fits neatly into the workspace.

Sturdy metal housing and lid, automatic imbalance switch-off and lid lock when centrifuge is running, providing safe operation in your workplace.

Easy set-up of speed and time via 2-line LCD display and simple push buttons showing actual and set speed and time.



Applications:

- Life-science - ELISA plate centrifugation, PCR plate centrifugation, analytical applications including biomedical, bio-organic and immunoenzyme analysis
- Environmental - centrifuging of sewage sludge

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LMC-3000 general purpose benchtop centrifuge – models and specifications

• = optional

		Benchtop centrifuges
		LMC-3000
		low speed
		 <p>h: 235mm d: 410mm w: 495mm weight: 11.8kg</p>
Max RCF (bottom of tube)	g-force	1700 x g
Speed (centrifuge tubes)	rpm	100 to 3000
Max RCF microplate rotor	g-force	560 x g
Speed (microtitre plates)	rpm	100 to 2000
Centrifugation time		up to 90 minutes (1 min increment)
Speed increment	rpm	100
Chamber diameter	mm	335
Display		2 line x 16 character LCD
Nominal operating voltage	V ac	120 or 230 (50-60 Hz)
Power consumption	W	110 (0.5A)/120 (1A)
Ambient temperature range	°C	+4 to 40
Maximum noise	dBA	59.4

Accessories

<p>R-6 interchangeable centrifuge rotor for 6 x 50ml tubes, with cap, conical end Dimensions: ø29 x 115mm</p>		•
<p>R-12-10 interchangeable centrifuge rotor for 12 x 10 to 15ml tubes, rounded ends, no caps Dimensions: ø16x 105mm</p>		•
<p>R-12-15 interchangeable centrifuge rotor for 12 x 15ml tubes, with cap, conical end Dimensions: ø17x 120mm</p>		•
<p>R-2 interchangeable centrifuge rotor for 2 microtitre plates Dimensions: w128 x l85.6mm Suitable for deepwell plates max dims 128 x 85.6 x 45mm (w x d x h)</p>		•
<p>Adapter sets for R-12-10 (pack of 12) BN-13-75 for vacutainers 2-5ml (ø13 x 75mm) BN-13-100 for vacutainers 4-8ml (ø13 x 100mm) BN-16-100 for vacutainers 8-9ml (ø16 x 100mm)</p>		•

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