

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

Centrifuges – models and specifications

• = optional

Benchtop centrifuges

LMC-3000

low speed



h: 235mm
d: 410mm
w: 495mm
weight: 11.8kg

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 (microtiter 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

R-6 interchangeable centrifuge rotor for 6 x 50ml tubes, with cap, conical end
Dimensions: ø29 x 115mm



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R-12-10 interchangeable centrifuge rotor for 12 x 10 to 15ml tubes, rounded ends, no caps
Dimensions: ø16x 105mm



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R-12-15 interchangeable centrifuge rotor for 12 x 15ml tubes, with cap, conical end
Dimensions: ø17x 120mm



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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)



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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)

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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.