globe™ SCIENTIFIC

GCM-R-24 / Refrigerated Microcentrifuge



GCM-R-24 Refrigerated Microcentrifuge



For the best refrigerated microcentrifuge with premium features at an affordable cost, the choice is clear: Globe Scientific's GCM-R-24!

Globe Scientific's GCM-R-24 Refrigerated Microcentrifuge is based on the solid foundation of the GCM-24 and adds refrigerated control for your critical temperature sensitive samples, as well as acceleration and deceleration adjustments and ten program locations. Suitable for various applications, including molecular biology, chemistry, and more, the GCM-R-24 has an intuitive button and knob interface for quick programming, a high strength 24 place aluminum alloy rotor with a biosafety aerosol containment lid (all of which can be fully autoclaved), a powerful yet quiet compressor for fast, accurate temperature control and much more. The GCM-R-24 can cool its rotor chamber and samples down to 4°C within just se ven minutes of operation — even at maximum speed and capacity!

Features:

- Pre-cooling ensures optimal protection of the sample before operation
- Guaranteed 4°C cooling of both chamber and samples within only 7 minutes — even at maximum speed and full capacity
- Audible alert function
- Dual lid lock function ensures samples are kept at temperature even after centrifugation
- Intermittent temperature control mode, CFC-free refrigerant and low carbon life rotor capacity
- Acceleration and deceleration adjustments
- Ten program locations
- Fully autoclavable aluminum rotor with aerosol lid included
- Optional rotors available
- Quiet operation (noise level ≤ 54dB)
- Maintenance-free brushless DC motor

Advanced Features:

- Speed/RCF switch
- Quick spin function
- Audible alert function

Safety Features:

- Dual door safety interlock
- Over-temperature detection
- Excessive speed detection
- Automatic internal diagnostics

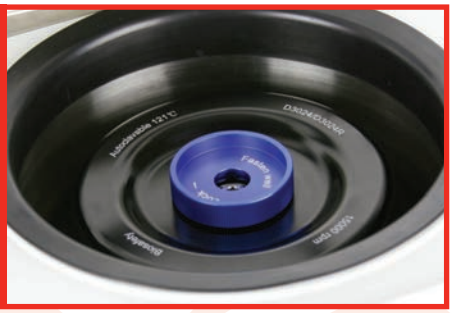
Refrigerated Microcentrifuge



The GCM-R-24 can be easily programmed using the intuitive control panel buttons and parameter adjustment knob



Included 24-place aluminum alloy rotor holds both 1.5mL and 2.0mL microcentrifuge tubes



Included biosafety aerosol containment lid

GCM-R-24 Specifications	
Maximum Speed	15000rpm(200-15000rpm), increment:10rpm
Maximum RCF	21380xg, increment:10xg
Speed Accuracy	±20rpm
Temperature Range	-20°C - 40°C
Rotor Capacity	Twenty-four 1.5mL/2.0mL tubes
Run Time	30 sec — 99 min or continuous
Power	10A, 400W
Acceleration Time	25 Seconds
Braking Time	25 Seconds
Dimension (W×D×H)	338 x 580 x 324mm (13.3 x 22.8 x 12.8in)
Weight	30kg / 66.1lbs
Certifications	CE, cTÜVus, FCC, MCA
Warranty	2 Years

ORDERING INFORMATION

Item #	Description	Unit
GCM-R-24	Refrigerated Microcentrifuge, 24-Place, 120v, 60Hz, US Plug, with 24-Place Rotor for 1.5mL & 2.0mL Microcentrifuge Tubes	Each
GCM-R-24-UK	Refrigerated Microcentrifuge, 24-Place, 230v, 50Hz, UK Plug, with 24-Place Rotor for 1.5mL & 2.0mL Microcentrifuge Tubes	Each
GCM-R-24-EU	Refrigerated Microcentrifuge, 24-Place, 230v, 50Hz, EU Plug, with 24-Place Rotor for 1.5mL & 2.0mL Microcentrifuge Tubes	Each
GCM-24-5MLR	Rotor, Aluminum Alloy with Lid, Fixing Clips and O-Ring, 15000rpm max, 18-Place for 5mL Culture Tubes	Each
GCM-24-5ML	Rotor, Aluminum Alloy with Lid, Fixing Clips and O-Ring, 15000rpm max, 12-Place for 5mL Eppendorf Style Tubes	Each
GCM-24-05ML	Rotor, Aluminum Alloy with Lid, Fixing Clips and O-Ring, 15000rpm max, 36-Place for 0.5mL Microcentrifuge Tubes	Each
GCM-24-PCR	Rotor, Aluminum Alloy with Lid, Fixing Clips and O-Ring, 15000rpm max, 4-Place for 8 position 0.2mL PCR Strips	Each
GCM-24-AD2	Rotor Adapters, for 0.2mL Tubes	24
GCM-24-AD5	Rotor Adapters, for 0.5mL Tubes	24
GCM-24-AD52	Rotor Adapters for use with GMC-24-05ML Rotor, for 0.2mL Tubes	36

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