

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. 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 seven 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 capacity utilization
- 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
- Fully autoclavable aluminum rotor with aerosol lid included as standard
- 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

www.globescientific.com

Customer Service, Sales and Technical Support:

Phone 1 (800) 394-4562 • 1 (201) 599-1400

Fax 1 (201) 599-1406

E-mail mail@globescientific.com

globe[®]
SCIENTIFIC INC.