

# 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 it's 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 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, cTUVus, 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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### Customer Service, Sales and Technical Support:

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