

# GCM Mini Centrifuge User Manual

## What's in the box:

- Mini Centrifuge
- Eight 0.2mL Adapters
- Eight 0.5mL Adapters
- PCR Rotor
- User Manual



## PRODUCT DESCRIPTION

Globe's GCM Series was designed with your lab in mind . . . whether you spin-down microcentrifuge tubes, PCR tubes or PCR strip tubes, the GCM will provide you with reliable performance use after use. Operating the GCM is quick and easy: simply turn the unit on and close the lid to accelerate to 7,000rpm.

Included with all GCM Mini Centrifuges are an eight-position microcentrifuge tube rotor for 1.5mL and 2.0mL tubes, a PCR tube rotor that accommodates 0.2mL tubes and strips as well as eight adapters for 0.2mL tubes and eight adapters for 0.5mL tubes. Changing rotors requires no tools — simply release the rotor catch and pull up to remove and align and press down to replace.

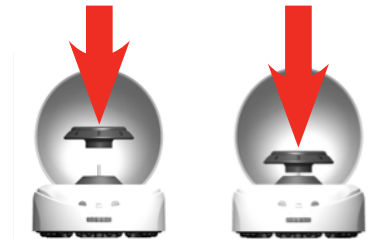
## SAFETY PRECAUTIONS

Please read all safety precautions and operating instructions carefully before use.

- Ensure that only trained staff works with the centrifuge.
- Never use the centrifuge in any manner not specified in these instructions.
- Never put hands in the rotor area unless the rotor is completely stopped.
- If any abnormal condition occurs during operation, stop operation immediately and contact our service center.

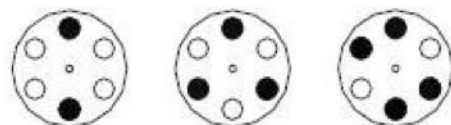
## LOADING THE ROTOR

Align the rotor into position on the rotor seat on the motor shaft and press down to secure. Be sure to align and press evenly with both hands when installing.



## OPERATING THE UNIT

- Open the lid and turn on the power switch located at the back of the unit.
- Load centrifuge tubes into rotor in a symmetrical fashion to ensure a balanced load.
- Close the centrifuge lid to begin spinning.
- After turning the switch off, the rotor will brake and gradually stop spinning.
- Open the lid and remove samples after the rotor has completely stopped.



Symmetrically Load Centrifuge Tubes Into Rotor

Continued . . .

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## WARRANTY

The centrifuge and rotors are guaranteed for two years from the date of delivery provided that they have been operated and maintained properly. **IMPORTANT:** do not use the rotor if physical damage, corrosion or fatigue damage is evident.

## SERVICE:

To ensure safe and efficient operation of your GCM Series centrifuge, it is necessary to keep the centrifuge clean and to operate it only as recommended in this manual. In the unlikely event that the centrifuge malfunctions, do not attempt repairs. Contact Globe Scientific immediately for service or assistance.



GCM Series Specifications	
Maximum Speed	7000rpm (Fixed)
Maximum RCF	2680×g
Rotor Capacity	Eight 0.2/0.5/1.5/2.0mL Tubes, Thirty-two 0.2mL PCR tubes or Four PCR 8 Strips
Run Time	Continuous Operation
Motor	DC Motor
Power	AC 110V~240V, 50Hz/60Hz; 20W
Noise level	≤45dB
Dimension (WxDxH)	160 x 170 x 122mm (6.3 x 6.7 x 4.8in)
Weight	0.5kg (1.1lbs)
Certifications	CE, cTÜVus, FCC, MCA
Warranty	2 Years

Included accessories for GCM Series Mini Centrifuges



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### Customer Service, Sales and Technical Support:

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