



Display & Control Panel

Display Screen
Status of Speed, Time, Temperature, ACC, Running, DEC, Lid Open / Close

Setting Speed
Touch once : RPM
Touch twice : RCF

Setting Time
To 99 min. 59 sec.
or Continuous (00:00)

Temp / Fast Cool
-20 ~ 40, Fast Cool (fast temp function)

Setting ACC / DEC
ACC (1 ~ 9 / Max. 9)
DEC (0 ~ 9 / Natural DEC 0)

Program SAVE / CALL
Touch once : CALL
Touch twice : SAVE (up to 100)
Touch continuous: Lock / Unlock

At Set Speed
On : Counts the time at set speed
Off : Counts the time from starting
Touch continuous : Controls repeat time / sound volume of end alarm

Short Spin
Rotor spins while the button is kept pressed and stop s immediately as the button is released

Start / Stop
LED ON : Start / Run
LED OFF : Stop

Lid Open
Open : LED turns on

Panel labels: RPM, TIME, TEMP, ACC DEC, PROG, AT SET SPEED

Operation

Cat. No. GZ-1730R

Function Selection

Touch a parameter to be changed

Touch up and down buttons to change and touch enter button to save

Fast Cool (Quick Temperature Down)

Touch TEMP button more than 2 sec.

PROG Save / Call

Touch once : CALL
Touch twice : SAVE

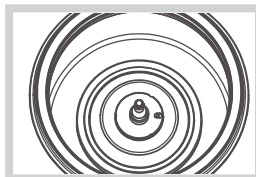
Touch up and down buttons to change and touch enter button to save or call

Start / Stop

Touch start / stop button

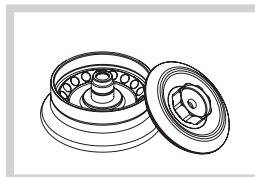


Precautions for Use



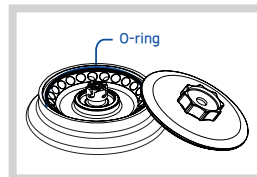
Chamber cleaning & checking

Clean the motor shaft. Remove the foreign substances not to cause any vibration.



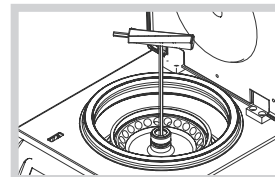
Checking accessories for damage

Inspect the rotor and accessories for damage before each use. Discontinue use and replace it if damaged.



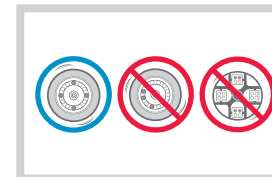
O-ring maintenance

Check the O-ring is inserted on the right place of the rotor. Make the rotor lid loose when not using the centrifuge for prolonged durability of O-ring.



Rotor checking

Check the rotor is installed correctly and is sitting firmly on the motor shaft.



Balancing the rotor

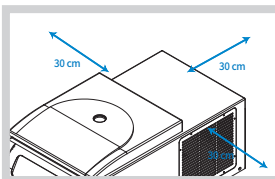
Load the sample symmetrically. It is most important to symmetrically mount samples of equal weight. In general, triple point symmetry is more stable than opposite symmetry.

Maintenance Tips



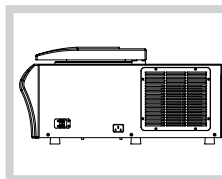
Keep the lid open after every use

Keep the centrifuge dry after use for prolonged durability. Take the rotor out and clean the shaft with the dry soft cloth.



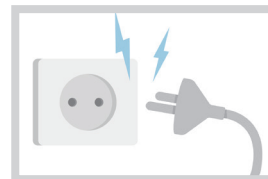
Secure a safety zone or 30 cm around centrifuge

Position the centrifuge with enough space (30 cm) on each side of centrifuge to ensure proper air circulation and safety zone.



Check ventilation slits regularly

Make sure that there is no dirt/dust on the ventilation slits of the right side, and remove it if any.



Electrical safety

Use the power cord supplied with the device and connect the device to the power supplies that match the electrical requirements. Switch off the device and disconnect the power plug after using the centrifuge.

GREB-M-m2.0-24 for 24 x 1.5 / 2.0 mL microtubes

GREB-M-m2.0-30 for 30 x 1.5 / 2.0 mL microtubes

GRE-M-m2.0-36 for 36 x 1.5 / 2.0 mL microtubes

GRE-M-m2.0-18 for 18 x 1.5 / 2.0 mL microtubes or filter tubes

GRE-M-m5.0-12 for 12 x 5.0 mL microtubes

GRE-M-s0.2-64 for 64 x 0.2 mL PCR tubes or 8 rows of PCR strips

GRD-M-m2.0-8 for 8 x 1.5 / 2.0 mL microtubes

GRD-M-m2.0-16 for 16 x 1.5 / 2.0 mL microtubes

Interchangeable rotors