

mini

Personal Micro Centrifuge



- | 12 microtubes or 10 cryotubes can be run up to 13,500 rpm (12,300 xg).
- | Compact design built to accommodate PCR tubes, microtubes and cryotubes (0.2 to 2.0 ml)
- | Patented air-cooling to minimize noise and heat generation
- | A separate "PULSE" key for quick spin
- | Very quiet operation at less than 56 dB allows for comfortable laboratory environment.
- | Supplied with autoclavable 12-place fixed angle micro-rotor, snap-fit plastic rotor lid and 12 adaptors for 0.2 ml PCR tubes



| Applications

Molecular works of cell collection, phenol extraction, simple spin-down, etc.

| Technical Specifications

Max. RPM/RCF	13,500 / 12,300 xg	Safety lid lock	Yes
Max. capacity	12 x 1.5/2.0 ml, 4 x 8-tube PCR strips	Automatic lid release at completion	Yes
Time control	Pulse or timed ≤ 30 min	Power supply (V/Hz)	220/50~60 (110V optional)
RPM/RCF conversion	Yes	Power requirement (VA)	110
Noise level (dB)	≤ 56	Dimension (W x D x H, mm)	208 x 245 x 145
ACC / DEC (sec)	≤ 12 / ≤ 16	Weight without rotor (kg)	4.4
Parameters on display window	RPM (RCF), Oper Status, Lid Open/Close, Min(sec)	CE mark	Yes
Display	Blue LCD	Cat. No.	GZ-1312



Fixed Angle Rotor, GRF-m2.0-12

12 x 1.5/2.0 ml
 ∟ 45°
 Hole diameter (mm) : 11.1
 Max. height for tube fit (mm) : 42

Tube			
Tube capacity (ml)	0.2	0.5	1.5/2.0
Adaptor			None
Cat. No.	GAS-m0.2(2)	GAS-m0.5(2)	-
Adaptor bore (Φ x L, mm)	6.5 x 23	8 x 31	-
Radius (mm)	43.5	50.5	60.4
Max. RPM	13,500		
Max. RCF (g-force)	8,863	10,290	12,300



Fixed Angle Rotor, GRF-m1.8-10

10 x 1.8 ml Cryotube
 ∟ 45°
 Hole diameter (mm) : 12.8
 Max. height for tube fit (mm) : 50

Tube			
Tube capacity (ml)	0.2	0.5	1.8 ml Cryotube
Adaptor			None
Cat. No.	GAS-m0.2(2)	GAS-m0.5(2)	-
Adaptor bore (Φ x L, mm)	6.5 x 23	8 x 31	-
Radius (mm)	43.5	50.5	60.4
Max. RPM	13,500		
Max. RCF (g-force)	8,863	10,290	12,300



PCR Rotor, GRA-s0.2-32

4 x 8-tube PCR strips, 32 x 0.2 ml
 ∟ 45°
 Hole diameter (mm) : 6.5

Tube		
Tube capacity (ml)	0.2	8-tube PCR strip
Radius (mm)	1st : 38.6 / 2nd : 46	
Max. RPM	6,000	
Max. RCF (g-force)	1st : 1,554 / 2nd : 1,850	