

# MicroCentrifuges

# mini



- | Max. 13,500 rpm with 12-hole microrotor
- | Max. 12 microtubes or 32 PCR tubes
- | Compact design with automatic door release
- | Strong steel layered door with auto-lock function
- | Patented unique air-flow design
- | Minimized heat and noise generation
- | LCD display of speed and time remaining
- | Automatic RPM/RCF conversion
- | "PULSE" key for quick runs
- | Time setting to 30 min
- | Rapid acceleration and deceleration
- | Alarms for over-speed and over-heat
- | Snap-fit, autoclavable rotor
- | Complete with autoclavable 12-place fixed angle micro-rotor, plastic rotor lid, and 12 adaptors for 0.2 ml PCR tube
- | Optional PCR rotor for 4 strips
- | Optional adaptors for 0.5 ml microtubes

## Applications

All kinds of molecular biology experiments such as cell-down, phenol extraction, simple spin-down, etc.

## Technical Specifications

Max. RPM/RCF	13,500/12,300 xg
Max. capacity	12 x 2.0 ml, 4 x 8-tube PCR strips
Time control	Pulse or timed ≤ 30 min
RPM/RCF conversion	Yes
Noise level (dB)	≤56
Acc/Dec (sec)	≤ 12 / ≤ 16
Safety lid lock	Yes
Lid drop protection	Yes
Automatic door release at completion	Yes
Power supply (V/Hz)	220/50-60 (110V optional)
Power requirement (VA)	110
Dimension (W x D x H, mm)	208 x 245 x 145
Weight without rotor (Kg)	4.4
CE mark	Yes
Cat. No.	GZ-1312

# GYROZEN

## 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) : 56

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



## 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 : 45	
Max. RPM	6,000	
Max. RCF(g-force)	1st : 1,554 / 2nd : 1,850	

