

# 1536

## High-Speed Micro Centrifuge



- | Compact design built to accommodate PCR tubes, microtubes and cryotubes (0.2 to 2.0 ml)
- | Soft touch control panel and trendy touch wheel is highly sensitive and intuitive to input parameters.
- | 3.5" LCD window with simultaneous display of all operational parameters of set and actual figures
- | Selectable time mode of "at set SPEED" for counting running time only when reached the set speed
- | A separate "PULSE" key for quick spin
- | Parameters can be changed during operation.
- | Key lock function helps the set-parameters secured during operation.
- | Lid drop protection design allows easiness and safety when loading or unloading sample.
- | With motorized lid mechanics, only a gentle touch is sufficient to close and open the lid.



- | **Applications** Molecular works of cell collection, phenol extraction, simple spin-down, filter tube separation, etc.

## Technical Specifications

Max. RPM/RCF	15,000 / 21,206 xg	Imbalance cut-off	Yes
Max. capacity	36 x 1.5/2.0 ml, 4 x 8-tube PCR strips	Safety lid lock	Yes
Time control	Pulse, timed < 99min or continuous	Lid drop protection	Yes
Time counting modes	Selectable, at set speed or from starting	Motorized lid open & close	Yes
RPM/RCF conversion	Yes	Automatic lid release at completion	Yes
Noise level (dB)	≤ 60	Power supply (V/Hz)	220/50~60 (110V optional)
ACC/DEC (step or time)	9 / 10 steps (15 / 15 sec)	Power requirement (VA)	400
Program memory	100	Dimension (W x D x H, mm)	240 x 378 x 240
Parameters on display window	Simultaneous display of all parameters of set and actual figures	Weight without rotor (kg)	11.9
Display	3.5" LCD	CE mark	-
		Cat. No.	GZ-1536   GZ-1536N

### Fixed Angle Rotor, GRF-m2.0-36

36 x 1.5/2.0 ml  
 (12 x 0.2 ml and 12 x 2.0 ml filter tube)  
 ∟ 45°  
 Hole diameter (mm) : 11.1  
 Max. height for tube fit (mm) : 52  
 Supplied with O-ring sealed



Tube					
Tube capacity (ml)	0.2	0.5	0.2	1.5/2.0	2.0 ml filter tube
Adaptor			None	None	None
Cat. No.	<b>GAS-m0.2(2)</b>	<b>GAS-m0.5(2)</b>	-	-	-
Adaptor bore (Φx L, mm)	6.5 x 23	8 x 31	-	-	-
Radius (mm) (inner/outer)	53.5/69	60.5/73	58.2	70.9/84.3	59.1
Max. RPM	15,000				
Max. RCF (g-force) (inner/outer)	13,458/16,854	15,219/18,363	14,640	17,835/21,206	14,867



### PCR Rotor, GRF-s0.2-32

4 x 8-tube PCR strips, 32 x 0.2 ml  
 ∟ 45°  
 Hole diameter (mm) : 6.5  
 Max. height for tube fit (mm) : 16

Tube		
Tube capacity (ml)	0.2	8-tube PCR strip
Radius (mm)	56.4	
Max. RPM	15,000	
Max. RCF (g-force)	14,187	

### Fixed Angle Rotor, GRF-m2.0-24A

24 x 1.5/2.0 ml  
 ∟ 45°  
 Hole diameter (mm) : 11.1  
 Max. height for tube fit (mm) : 56  
 Supplied with O-ring sealed



Tube			
Tube capacity (ml)	0.2	0.5	1.5/2.0
Adaptor			None
Cat. No.	<b>GAS-m0.2(2)</b>	<b>GAS-m0.5(2)</b>	-
Adaptor bore (Φx L, mm)	6.5 x 23	8 x 31	-
Radius (mm)	67	73	84.3
Max. RPM	15,000		
Max. RCF (g-force)	16,854	18,363	21,206