



# 1524

## High-Speed Micro Centrifuge



- | Compact design built to accommodate PCR tubes, microtubes and cryotubes (0.2 to 2.0 ml)
- | A separate "PULSE" key for quick spin
- | Selectable time mode of "at set SPEED" for counting running time only when reached the set speed
- | Parameters can be changed during operation.
- | Key lock function helps the set parameters secured during operation.
- | Autoclavable and corrosion-free rotors ensure safety and long life.



- | **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	24 x 1.5/2.0 ml, 4 x 8-tube PCR strips	Safety lid lock	Yes
Time control	Pulse, timed < 100 min or continuous	Lid drop protection	Yes
Time counting modes	Selectable, at set speed or from starting	Automatic lid release at completion	Yes
RPM/RCF conversion	Yes	Power supply (V/Hz)	220/50~60 (110V optional)
Noise level (dB)	≤ 60	Power requirement (VA)	440
ACC/DEC (step or time)	9/10 steps (15/15 sec)	Dimension (W x D x H, mm)	249 x 368 x 240
Program memory	100	Weight without rotor (kg)	18
Parameters on display window	RPM (RCF), Oper Status, Lid Open/Close, Min:Sec, ACC, DEC	CE mark	Yes
Display	Blue LCD	Cat. No.	GZ-1524



**Fixed Angle Rotor, GRF-m2.0-24**







24 x 1.5/2.0 ml  
 ∟ 45°  
 Hole diameter (mm) : 11.1  
 Max. height for tube fit (mm) : 52

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



**Fixed Angle Rotor, GRF-m2.0-18**



18 x 1.5/2.0 ml Filter tube  
 ∟ 45°  
 Hole diameter (mm) : 11.1  
 Max. height for tube fit (mm) : 65

Tube				
Tube capacity (ml)	0.2	0.5	1.5/2.0	2.0 ml filter tube
Adaptor			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)	57.8	63.8	75.1	64.2
Max. RPM	15,000			
Max. RCF (g-force)	14,540	16,049	18,891	16,150



**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	