

1536

High-Speed Micro Centrifuge

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- | 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 |



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 aerosol tight O-ring

| | | | | | |
|----------------------------------|--------------------|--------------------|--------|---------------|--------------------|
| 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. | GAS-m0.2(2) | GAS-m0.5(2) | - | - | - |
| Adaptor bore (Φ x 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 |



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 aerosol tight O-ring

| | | | |
|--------------------------|--------------------|--------------------|---------|
| 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) | 67 | 73 | 84.3 |
| Max. RPM | 15,000 | | |
| Max. RCF (g-force) | 16,854 | 18,363 | 21,206 |



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 | |