

1730R Micro Centrifuge



Features

- 36 x 2.0 mL refrigerated microcentrifuge designed for continual operations.
- Fast cool function, Pre-cooling to 4°C for temperature-sensitive samples.
- Quiet Operation at less than 56 dB ensures a comfortable laboratory environment.
- Bio-Safe Rotors ensure safe centrifugation of hazardous samples.
- Easy-Lock Rotors allow for quick and secure rotor closure.
- High-neck rotor specially designed for 2.0 mL filter tubes.

Technical Specifications

| | |
|---|---|
| Max. RPM/PCF for Fixed Angle | 17,000 rpm / 27,237 xg |
| Max. RPM/PCF for Swing-out | 13,000 rpm / 16,343 xg |
| Max. Capacity for Fixed Angle | 36 x 1.5/2.0 mL, 12 x 5.0 mL, 8 PCR strips |
| Max. Capacity for Swing-out | 4 x 4 x 1.5/2.0 mL |
| Temp. Range (°C) | -20°C to 40°C |
| Fast Cool Button | Yes |
| Time Control | Pulse, timed <100 min or continuous |
| Time Counting Range | Selectable, at set speed or from starting |
| Noise Level (dependent on rotor) | ≤56 dB |

| | |
|------------------------------|--|
| RCF/RPM Conversion | Yes |
| ACC/DEC Ramps | 9/10 |
| Program Memory | 100 |
| Power Supply | AC 230V, 50Hz (AC 220-230V, 60/50Hz; 110V optional) |
| Power Requirement | 2.0 kVA |
| Dimension (W x D x H) | 310 x 620 x 265 mm |
| Net Weight | 43 kg |
| CE MARK | Yes |
| Cat No. | GZ-1730R |

Fixed Angle Rotor, GRE-M-m5.0-12

- **Capacity : 12 x 5 mL**
- Max. RPM : 15,000
- Max. RCF : 22,967 xg



Fixed Angle Rotor, GREB-M-m2.0-36

- **Capacity : 36 x 1.5 / 2.0 mL + 12 x 0.2 mL**
- Max. RPM : 15,000
- Max. RCF : 21,206 xg



Bio-Safe

Manufacturer Validated

| Tube type (mL) | Max. RCF (xg) | Adaptor Cat. No. |
|----------------|---------------|------------------|
| 0.5 | 18,363 | GAS-m0.5(2) |
| 0.2 | 16,854 | GAS-m0.2(2) |

Fixed Angle Rotor, GREB-M-m2.0-30

- **Capacity : 30 x 1.5 / 2.0 mL**
- Max. RPM : 15,000
- Max. RCF : 24,249 xg



Bio-Safe

Manufacturer Validated

| Tube type (mL) | Max. RCF (xg) | Adaptor Cat. No. |
|----------------|---------------|------------------|
| 0.5 | 21,633 | GAS-m0.5(2) |
| 0.2 | 19,872 | GAS-m0.2(2) |

Fixed Angle Rotor, GREB-M-m2.0-24

- **Capacity : 24 x 1.5 / 2.0 mL**
- Max. RPM : 17,000
- Max. RCF : 27,237 xg



Bio-Safe

Porton Down Certified

| Tube type (mL) | Max. RCF (xg) | Adaptor Cat. No. |
|----------------|---------------|------------------|
| 0.5 | 23,910 | GAS-m0.5(2) |
| 0.2 | 21,648 | GAS-m0.2(2) |

Fixed Angle Rotor, GRE-M-m2.0-18

- Capacity : 18 x 2.0 mL filter tube
- Max. RPM : 15,000
- Max. RCF : 18,891 xg



| Tube type (mL) | Max. RCF (xg) | Adaptor Cat. No. |
|----------------|---------------|------------------|
| 0.5 | 16,049 | GAS-m0.5(2) |
| 0.2 | 14,540 | GAS-m0.2(2) |

Fixed Angle Rotor, GRE-M-s0.2-64

- Capacity : 8 x 8-Tube PCR strips, 64 x 0.2 mL
- Max. RPM : 12,500
- Max. RCF : 11,722 xg



Windshield Swing-out Rotor, GRD-M-m2.0-16

- Capacity : 16 x 1.5 / 2.0 mL
- Max. RPM : 13,000
- Max. RCF : 15,682 xg



| Tube type (mL) | Max. RCF (xg) | Adaptor Cat. No. |
|----------------|---------------|------------------|
| 0.5 | 13,982 | GAS-m0.5(2) |
| 0.2 | 12,470 | GAS-m0.2(2) |