

1848R Micro Centrifuge



Features

- 48 x 2.0 mL refrigerated microcentrifuge with extend capacity up to 50 mL tubes and Microplates.
- Fast cool function, Pre-cooling to 4°C for temperature-sensitive samples.
- Equipped with inverter type compressor, very quiet and high efficiency operation.
- Bio-Safe Rotors ensure safe centrifugation of hazardous samples.
- Easy-Lock Rotors allow for quick and secure rotor closure.

Technical Specifications

Max. RPM/PCF for Fixed Angle	18,000 rpm / 30,536 xg
Max. RPM/PCF for Swing-out	13,000 rpm / 16,438 xg
Max. Capacity for Fixed Angle	8 x c50 mL, 20 x 5.0 mL, 48 x 2.0 mL
Max. Capacity for Swing-out	6 x 4 x 2.0 mL, 2 x 2 MTPs
Temp. Range (°C)	-12°C to 40°C
Fast Cool Button	Yes
Time Control	Timed < 10 hr or Continuous
Time Counting Range	Selectable, at set speed or from starting
Noise Level (dependent on rotor)	< 60dB

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)	380 x 654 x 312 mm
Net Weight	53.5kg
CE MARK	Yes
Cat No.	GZ-1848R

Fixed Angle Rotor, GRF-M-c50-8

- **Capacity : 8 x 50 mL Conical**
- Max. RPM : 8,500
- Max. RCF : 8,893 xg



Tube type (mL)	Max. RCF (xg)	Adaptor Cat. No.
50	8,651	GAS-50(c50)
30	8,595	GAS-30(c50)
25 conical	7,544	GAS-c25(c50)
15 conical	8,635	GAS-c15(c50)

Fixed Angle Rotor, GRF-M-c15-12

- **Capacity : 12 x 15 mL Conical**
- Max. RPM : 8,500
- Max. RCF : 8,611 xg



Tube type (mL)	Max. RCF (xg)	Adaptor Cat. No.
14	7,843	GAS-14(c15)
5	6,842	GAS-c5(c15)

Fixed Angle Rotor, GRE-M-m5.0-20

- **Capacity : 20 x 5 mL**
- Max. RPM : 13,000
- Max. RCF : 20,595 xg



Fixed Angle Rotor, GRE-M-m2.0-48

- **Capacity : 48 x 1.5 / 2.0 mL**
- Max. RPM : 13,000
- Max. RCF : 18,479 xg



Tube type (mL)	Max. RCF (xg)	Adaptor Cat. No.
0.5	16,532	GAS-m0.5(2)
0.2	15,210	GAS-m0.2(2)

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

- Capacity : 24 x 1.5 / 2.0 mL
- Max. RPM : 18,000
- Max. RCF : 30,536 xg



Bio-Safe Porton Down Certified

Tube type (mL)	Max. RCF (xg)	Adaptor Cat. No.
0.5	26,443	GAS-m0.5(2)
0.2	24,270	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



Windshield Swing-out Rotor, GRD-M-m2.0-24

- Capacity : 24 x 1.5 / 2.0 mL
- Max. RPM : 13,000
- Max. RCF : 16,438 xg



Tube type (mL)	Max. RCF (xg)	Adaptor Cat. No.
0.5	14,737	GAS-m0.5(2)
0.2	13,226	GAS-m0.2(2)

Windshield Swing-out Rotor, GRD-M-mw-2

- Capacity per rotor : 4 x MTP
- Max. RPM : 6,100
- Max. RCF : 3,432 xg

