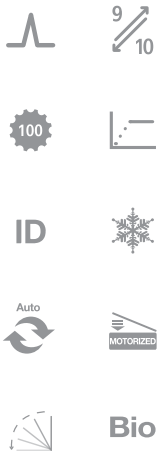
OT-1848R

Micro Centrifuge

The OT-1848R is a extended throughput, refrigerated microcentrifuge engineered to accommodate up to 50 mL conical tubes, making it suitable for temperature-sensitive and high-throughput applications within limited benchtop space





Features

- Bio-seal (Public Health England Porton Down) certified Easy-lock rotor for aerosol tight operation of harmful samples
- Automatic rpm/rcf conversion
- Compressor-off function when lid is open minimizes unnecessary cooling and frosting.
- Temperature range from -12°C to 40°C
- 'Fast cool' function, R.T. to 4°C in 5 minutes for fast start up of cooled samples
- Selectable time mode of "at set SPEED" for counting running time only when reached the set speed
- A separate "PULSE" key for quick spin
- Intuitive control interface with numeric input buttons allows easy setting and editing of running conditions.
- Key lock function helps the set parameters secured during operation.
- Lid drop protection design allows easiness and safety when loading or unloading samples.

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Technical Specifications

OT-1848R	
Max. RPM / Fixed angle	18,000 rpm
Max. RPM / Swing-out	13,000 rpm
Max. RCF / Fixed angle	30,356 xg
Max. RCF / Swing-out	16,438 xg
Max. capacity / Fixed angle	48 x 1.5/2.0 mL
Max. capacity / Swing-out	6 x 4 x 1.5/2.0 mL
Settable Min. RPM	300
RCF/RPM conversion	Yes
Temperature range (℃)	-12℃ to 40℃
FAST cool button	Yes
Key lock function	Yes
Time control	Pulse, timed < 100 hr or continuous
Time counting	Selectable, at set speed or from starting

Noise level (dependent on rotor)	≤60 dB
ACC/DEC ramps	9/10
Program memory	10
Rotor identification	Automatic
Imbalance cutout	Yes
Safety lid lock	Yes
Motorized door open & close	Yes
Power supply (V/Hz)	220-230V~, 50/60Hz (110V 60Hz optional)
Power Requirement (VA)	2.0 KVA
Dimension (W x D x H, mm)	380 x 654 x 312
Weight without rotor	53.5 kg
Cat. No.	OT-1848R

Fixed Angle Rotor

GRF-M-c50-8

Capacity : 8 x 50 mL Conical

Max. RPM : 8,500 / Max. RCF : 8,893 xg



Adaptors

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



Adaptors

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

Fixed Angle Rotor

GRE-M-m5.0-20

- Capacity : 20 x 5 mL Conical
- Max. RPM : 13,000 / Max. RCF : 20,595 xg
- Easy-lock feature



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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
- Easy-lock feature

Adaptors

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
- Easy-lock, Bio-safe feature

Bio-Safe Porton Down Certified

Adaptors

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
- Easy-lock feature

Windshield, Swing-out Rotor

GRD-M-m2.0-24



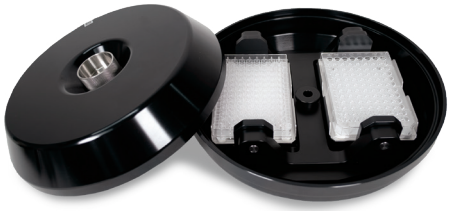
- Capacity : 24 x 1.5 / 2.0 mL
- Max. RPM : 13,000
- Max. RCF : 16,438 xg

Adaptors

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 : 2 x MTP
- Max. RPM : 6,100
- Max. RCF : 3,432 xg

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