

## Technical Specifications

	M15R	M15	M13	M6	M6-RC*
Max. RPM / Fixed angle	15,000 rpm		13,500 rpm	6,500 rpm	
Max. RCF / Fixed angle	21,583 xg		12,032 x g	2,787 xg	
Max. capacity / Fixed angle	10 X 5.0 mL, 24 x 1.5/2.0 mL, 4 PCR strips		6 x 5.0 mL 12 x 1.5/2.0 mL 4 PCR strips	6 x 1.5/2.0 mL 2 PCR strips	
ACC/DEC ramps	9/10 steps		-	-	
Acc. time to max. speed	≤15 sec		≤18 sec	-	
Dec. time from max. speed	≤15 sec		≤8 sec	-	
Temp range (°C)	-10°C to 40°C	-	-	-	
Time control	< 100 min, pulse, continuous		≤15 min, pulse	15 min (or 10 sec) or pulse	
Time counting	From Starting	From Starting	From Starting	From Starting	
Program memory	10	10	-	-	
Imbalance cutoff / tracking	Yes	Yes	-	-	
Rotor identification	manual	manual	-	-	
Dimension (W x D x H, mm)	285 x 593 x 281	293 x 380 x 242	189 x 202 x 129	150 x 150 x 90	
Height with open lid (incl. a wheel)	525	455	263	191	
Weight without rotor	33 kg	15 kg	1.5 kg	650 g	790 g
Power requirement	1.5 KVA (6.8A)	500 VA (2.3A)	100 W (0.5A)	7 W (0.03A)	
Power input (V, Hz)	210V~240V, 50/60Hz (110V optional)			100~240 V, 50/60 Hz	
				AC adaptor	AC adaptor or rechargeable Li-Battery

### \* Cordless type

Once the built-in lithium battery is charged, M6-RC can run 150 times in short spin-down mode and 30 minutes in continuous mode.

## Ordering Information

Main Body	
M15R	High speed refrigerated microcentrifuge without rotor
M15	High speed air-ventilated microcentrifuge without rotor
M13	Microcentrifuge without rotor
M6	Microcentrifuge Including Fixed Angle Rotor (6 x 1.5/2.0 mL) & PCR rotor (2 PCR strips)
M6-RC	Microcentrifuge Including Fixed Angle Rotor (6 x 1.5/2.0 mL) & PCR rotor (2 PCR strips) (rechargeable Li-Battery)
Rotors / Adaptors	
AE-5c-10	A Fixed Angle Microtube Easy-Lock Rotor of M15R/M15 with aluminum lid for 10 x 5.0 mL conical tubes
AE-2.0-24	A Fixed Angle Microtube Easy-Lock Rotor of M15R/M15 with aluminum lid for 24 microtubes
AE-0.2-32	A Fixed Angle PCR-tube Easy-Lock Rotor of M15R/M15 with aluminum lid for 32 PCR tubes or 4 rows of PCR strips
A5-6	A Fixed Angle Rotor of 6 x 5 mL tube for M13
A2.0-12	A Fixed Angle Rotor of 12 Microtubes for M13
A0.2-32	A Fixed Angle Rotor of PCR strip tubes for M13
A2.0-6	A Fixed Angle Rotor of 12 Microtubes for M6, M6-RC
A0.2-16	A Fixed Angle Rotor of PCR strip tubes for M6, M6-RC
TR0.5	0.5 mL tube adaptor
TR0.2	0.2 mL tube adaptor

DISTRIBUTION

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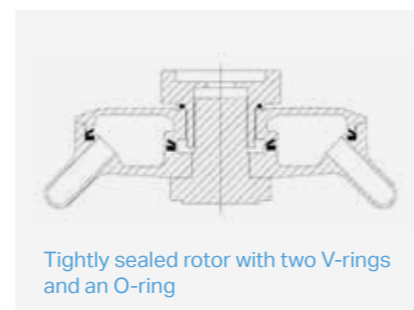


## M15R / M15

High Speed Refrigerated Microcentrifuge / High Speed Air Ventilated Microcentrifuge



- Max.15,000 RPM with 24 hole rotor spec that can cover all molecular biology works
- 10 x 5.0 mL, 24 x 2.0 mL or 4 PCR strip rotor with aluminum lid
- NEW "Easy-Lock" rotor lid allowing easy and convenient lid opening and closure
- Tightly sealed rotor with two V-shape rubber rings and an O-ring
- Ideal for very quiet and fast operation
- Easy to readable graphical LCD display
- Motorized lid mechanics with a gentle touch for the lid's opening and closure
- Easy-to-clean, UV resistant surface and stainless steel chamber
- Compact design and light-weight



### Rotor for M15R / M15

Cat. No.	AE-5c-10	AE-2.0-24	AE-0.2-32
Max. Capacity	10 x conical 5.0 mL	24 x 1.5/2.0 mL	4 x 8-tube strip
Max. Speed	15,000	15,000	12,500
Max. g-force	21,583	21,206	9,852

\* Adaptors Available for smaller tubes

## M13

Personal Microcentrifuge



- Rotating knobs enable quick setting of time & speed
- Very quiet operation even at max. speed of 13,500 RPM
- Deceleration within 8 sec even at max speed
- Any types of micro tubes up to 5.0 mL can be loaded
- Compact design and non-slip silicone rubber foot

### Rotor for M13

Cat. No.	A5-6	A2.0-12	A0.2-32
Max. Capacity	6 x 5.0 mL	12 x 1.5/2.0 mL	4 x 8-tube strip
Max. Speed	6,000	13,500	6,000
Max. g-force	2,612	12,032	1,857 ~ 2,241

\* Adaptors Available for smaller tubes

## M6 / M6-RC

Spinner



- One spin action simply by closing the lid
- Safety stop by opening the lid
- Selectable operation modes between short spin & continuous 15 minutes
- Interchangeable rotors for 6 micro tubes & 2 PCR strips
- Useful when there are not enough power lines in BSCs, refrigerators, incubators, etc. (M6-RC only)
- Can be used immediately for outdoor or on-site experiments.(M6-RC only)

### Rotor for M6 / M6-RC

Cat. No.	A2.0-6	A0.2-16
Max. Capacity	6 x 1.5/2.0 mL	2 x 8-tube strip
Max. Speed	6,500	6,500
Max. g-force	2,787	1,431 ~ 1850

\* Adaptors Available for smaller tubes