

RWD

Microcentrifuge

M1324 & M1324R Microcentrifuge



RWD microcentrifuges M1324R and M1324 simplify centrifugation, which can work stably and quietly at the maximum speed of 15800rpm. Optional rotors for different needs (PCR tubes, 1.5/2 mL EP tubes, etc.). Small footprint and low noise, touch screen interaction, all your use defined preset programs can be called by one click. The refrigerated microcentrifuge M1324R will still make sure the stable temperature centrifugation of samples at -10°C~40°C even at the highest speed.

M1324R Refrigerated Microcentrifuge



Product Characteristics

Efficient

- Quick precooling. From RT to 4 °C in only 8 minutes
- The seamlessly fit for inner cavity winding technology enables high-efficient energy transfer
- Adjustable 10 ACC/DEC ramps satisfy different customers' needs.

Simple

- Combination of touch screen and function keys provides quick and convenient setting and parameter use
- 12 custom programs enable immediate centrifuge operation in multiple scenarios
- Magnetic condensed water collection pan to eliminate inner water accumulation
- Mechanical lock design for the centrifuge lid enables easy opening and closing
- Quick-Lock rotor, closes with only a 1/6 turn

Stable and Safe

- High-density foaming technology benefits energy-saving and heat-preservation
- Standard aerosol-tight rotor with aerospace-grade aluminum alloy withstands high temperature sterilization and avoids biohazards
- Qualified ultrasonic non-destructive test, Schenck balancing test and extreme blasting test to protect personnel safety
- Multiple real-time rotor dynamic balancing monitoring system and alarm functions guarantee safe operation

Compact

- One-pipette-width compact design
- Lid hinge design with suspending hovering optionally

Self-locking lid

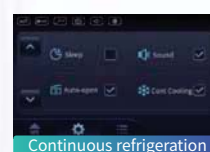
Standard Aerosol-tight quick-lock rotor

Combination of buttons and touch interaction

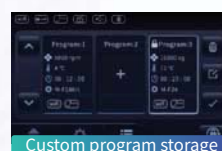
Small, quiet and durable



10 ACC/DEC ramps modes



Continuous refrigeration



Custom program storage



Fast pre-cooling

M1324 Ventilated Microcentrifuge



Product Characteristics

Excellent and Efficient

- ② Unique heat dissipation material and duct design to enhance heat dissipation performance
- ② Double cooling system to ensure stable centrifugation of samples at the highest speed
- ② Running vibration amplitude $\leq 1\mu\text{m}$ to maintain stable operation

Intelligent and Quiet

- ② Dual noise control system with intelligent three-gear fan control, full load at maximum speed noise $< 50\text{dB(A)}$
- ② Combination of touch screen and function keys provides quick and convenient setting and parameter use
- ② Use EPP foam material to reduce noise pollution

Stable and Safe

- ② Standard aerosol-tight rotor with aerospace-grade aluminum alloy withstands high temperature sterilization and avoids biohazards
- ② Qualified ultrasonic non-destructive test, Schenck balancing test and extreme blasting test to protect personnel safety
- ② Real-time rotor dynamic balancing monitoring system and multiple-imbalance alarm functions guarantee safe operation

Simple and Practical

- ② Quick-lock rotor closes with only 1/6 turn for easy and secure sample handling
- ② 10 acceleration and deceleration ramps meet the centrifugation needs of different samples
- ② 48 custom programs enable immediate centrifuge operation in multiple scenarios
- ② Automatic lid opening design, easy and quick to take samples

Unique air duct design

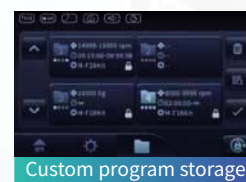
Standard Aerosol-tight quick-lock rotor

4.3-inch touch screen

Combination of buttons and touch interaction



Aerosol-tight quick-lock rotor



Custom program storage



10 acceleration and deceleration ramps



Technical Parameters

参数	M1324R	M1324
Max. Speed	15800 rpm	
Max. RCF	23444×g	
Max. Capacity	5mL×10	
ACC/DEC Ramps	10/10	
Display	Touch screen	
Program	12	48
Temperature Control	-10°C to 40°C	/
Noise Level	<54dB (A)	<50dB(A)
Dimension (W*H*D)	304mm*304mm*517mm	262mm*282mm*385mm
Weight (with rotor)	33kg	22kg

Order Information

Model	Product Description
M1324R	Refrigerated Microcentrifuge (With M-F24QG rotor)
M1324	Ventilated Microcentrifuge (With M-F24QG rotor)
M-F10QG	Aerosol-tight Lid , 10×5 mL tube quick- lock rotor
M-F24QG	Aerosol-tight Lid, 24×1.5/2.0 mL tube quick- lock rotor
M-F24G	Aerosol-tight Lid, 24×1.5/2 mL tube rotor
M-F24Q	24×1.5/2 mL tube quick- lock rotor
M-F24	24×1.5/2 mL tube rotor
M-F4PCR	4 × PCR tube rotor
M-F18Kit	18 × Spin column rotor

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