

High-Speed Benchtop Refrigerated Centrifuge

Make Your Centrifugation Intelligent



RWD High-Speed Benchtop Refrigerated Centrifuge provides intelligent centrifugation, adapting various applications from micro to medium throughput with a speed up to 18,000 rpm(30,000×g). Offer a broad selection of rotors and adaptors(swing-bucket rotors and fixed-angle rotors) to meet different customers' needs.

Ergonomic lid operation
for easier opening
and closing

Self-locking rotors,
exchange in 3 seconds

Front USB port for
convenient plug-in
and data transfer

The graphic operation
interface, easy to keep an
eye on the status

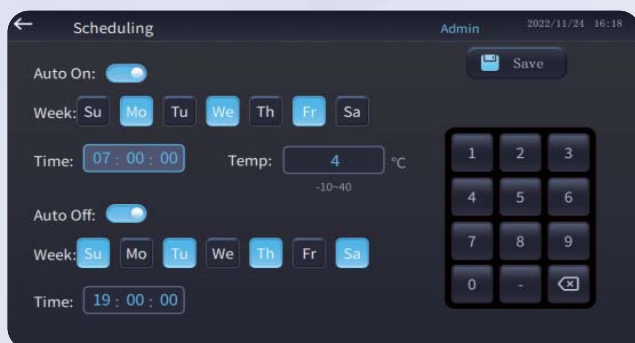
Equipped with touch screen,
provide visual operations



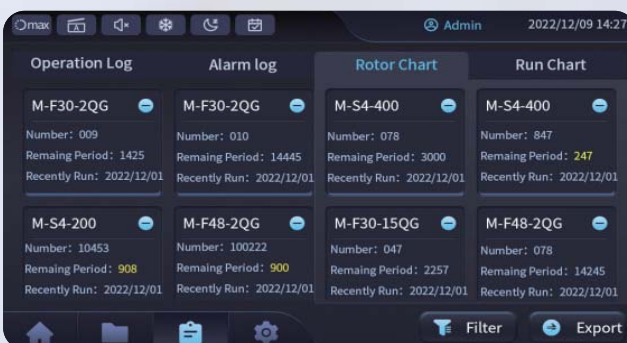
Graphic operation interface



Step Programming



Scheduling Function



Rotor Health



M-F6-50QG



M-F24-2QG



M-S2-DWP-P

- Integrated frame of swing-out rotor for long-time use
- Equip with biocontainment lids for one-handed operation
- Various optional adaptors for different experiments

RWD



15mL adaptor



50mL adaptor



M-S4-400



Abundant accessories

- Multi-purpose device equips with various rotors and adaptors.
- Self-locking rotors enable non-tools required installation and removal and exchange in 3 seconds.
- Fixed-angle rotor equipped with the quick-lock lid, closes with only a 1/6 turn.



Various guarantees

- Multi-level alarm reminders for fast dealing.
- Static rotor identification function for maximum operational safety.
- Precision assembly motor with special bearings ensures the precision of speed $\leq \pm 1\text{rpm}$, amplitude $\leq 0.01\text{mm}$.



Ergonomic operation

- Scheduling reservations provide the pre-cooling function for organized experiments.
- Acceleration and braking ramps setting achieves stable centrifugation.
- Built-in simple introduction for quick operation.



Multipurpose function

- An intuitive touch screen shows key parameters clearly.
- View the centrifuge health with one click.
- Front USB port for easy and quick data transfer.
- More than 100 pre-program setting storage with customized steps achieves continuous centrifugation.

Technical Specifications

CONTRIBUTE WISDOM AND STRENGTH TO THE IMPROVEMENT OF QUALITY

Parameters	Description
Swing-out Rotor	
Maximum Capacity	M-S4-400-P, 4*400mL
Maximum Speed	M-S4-200-P, 5500rpm
Maximum RCF	M-S4-200-P, 5580 x g
Fixed-angle Rotor	
Maximum Capacity	M-F6-100CF, 6*100mL
Maximum Speed	M-F24-2QG, 18,000rpm
Maximum RCF	M-F24-2QG, 30,000 x g

Technical Specifications

CONTRIBUTE WISDOM AND STRENGTH TO THE IMPROVEMENT OF QUALITY

Parameters	Description
Details	
Temperature range	-10°C to +40°C
Noise	56dB(A)
Acceleration/Deceleration ramps	9 /10
Program Storage	100 programs with the ability to do step programming
Dimension (W*H*D)	627*409*688mm
Weight without rotor	98kg

Order Information

CONTRIBUTE WISDOM AND STRENGTH TO THE IMPROVEMENT OF QUALITY

Model	Product Description
M1416R	High-Speed Benchtop Refrigerated Centrifuge (Without Rotor)

Rotor Information

CONTRIBUTE WISDOM AND STRENGTH TO THE IMPROVEMENT OF QUALITY

Model	Product Description	Maximum Speed (rpm)	Maximum RCF(xg)
M-S4-400-P	4*400mL Swing-out rotor	5000	4696
M-S4-400-CP	4*400mL Swing-out rotor (incl. 4*M-A4-50 and 4*M-A9-15 adaptors)	5000	4696
M-S4-200-P	4*180mL Swing-out rotor 4*180mL Swing-out rotor (incl. 4*M-A1-50 and 4*M-A5-15 adaptors)	5500	5580
M-S2-DWP-P	2*3 Standard 96-well plate (2*1 DWP)	4000	2272
M-F24-2QG	Aerosol-tight Lid , 24X2 mL tube quick- lock rotor	18,000	30,000
M-F30-2QG	Aerosol-tight Lid , 30X2 mL tube quick- lock rotor	15,200	25,830
M-F48-2QG	Aerosol-tight Lid , 48X2 mL tube quick- lock rotor	15,200	25,314
M-F18-5QG	Aerosol-tight Lid , 18X5 mL tube quick- lock rotor	15,000	24,652
M-F6-50QG	Aerosol-tight Lid , 6X50 mL tube quick- lock rotor	12,100	20,133
M-F6-100QG	Aerosol-tight Lid , 6X100 mL tube quick- lock rotor	12,100	20,133
M-F8-50CF	8X50 mL tube carbon fiber rotor	14,500	24,446
M-F14-50CF	14X50 mL tube carbon fiber rotor	10,000	17,105
M-F6-100CF	6X100 mL tube carbon fiber rotor	15,000	24652
M-F30-15C	30X15 mL tube clinic rotor	5650	4997
M-A1-225	Suitable for M-S4-400 rotors, 1*225mL bottle	5000	4696
M-A4-50	Suitable for M-S4-400 rotors, 4*50mL tub	5000	4696
M-A9-15	Suitable for M-S4-400 rotors, 9*15mL tubes	5000	4696
M-A14-10	Suitable for M-S4-400 rotors, 14*10mL blood collection	5000	4696
M-A19-7	Suitable for M-S4-400 rotors, 19*5/7 mL blood collection	5000	4696
M-A34-2	Suitable for M-S4-400 rotors, 34*2mL tubes	5000	4696
M-A-15	Suitable for M-F6-50QG rotor, 6*15mL adapters	12,100	20,133
M-A-7	Suitable for M-F30-15C rotor, 10*5/7ml blood vessel collectionadapters	5650	4997

RWD Life Science Co.,Ltd

Add: 9, 19-20/F, Building 7A, 9F Building 7D, Shenzhen International Innovation Valley, Dashi 1st Road, Nanshan District, Shenzhen, Guangdong, China

RWD Life Science Inc.

Add: 10410 Corporate Drive, Sugar Land, TX 77478, USA
service: service@rwdstco.com

Inquiry: rwd@rwdstco.com After-sales
Tel: 1-858-900-5879 Fax: 1-858-939-1580