



# CENTRIFUGE

ONE-STOP PURCHASING SERVICE PLATFORM

For IVD diagnostic products, medical consumables and laboratory equipments

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Create Value for Customers



Medmay Biotech Group is a global comprehensive innovative enterprise focusing on R&D, production and trade of clinical in-vitro diagnostic products, medical consumables and general laboratory equipments. The head office is in Suzhou, China.

Through years' cultivation in clinical in-vitro diagnostic field, Medmay has gradually developed an unique corporate culture--"Pursuit of Excellence". Till now, Products created from Medmay have won long-term supports from thousands of customers in more than 100 countries around the world. In recent years, Medmay has already set foot into the field of medical consumables and general laboratory equipments. Constantly upholding the spirit of "Pursuit of Excellence", Medmay cooperates in depth with hundreds of high grade manufacturers by carefully screening, and has already launched series of high-quality products to meet with any demands from customers continuously. At the time bringing increases of efficiency, quality and service to customers, Medmay has also achieved rapid development. Medmay aim to create value for world's customers in all focused fields, and prove to be a long-term worth trusting cooperative partner.

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01

**BENCHTOP LOW  
SPEED CENTRIFUGE**

Benchtop Low Speed Centrifuge is a conventional laboratory equipment, widely used in biology, chemistry, medicine and other scientific research education and production departments, especially applicable to research work of genetics, nucleoprotein and blood.





**MC1001**

Clinical Centrifuge, including A12-10P rotor and both adapter A10P15&A10P15 plug(package contain in the box).Our clinical centrifuge is ideal for the separation of serum, plasma, urea, blood samples and other routine applications in hospital and research laboratories.

**Features:**  
 Speed range of 300-4500rpm.  
 Max rotor capability 8x15ml.  
 Precise control speed and time with efficient separation.  
 For 15ml cell culture tubes and full line of collection tubes, ideal for a clinical lab.  
 Quiet and stable operation with noise level ≤56 dB.

**MC1002**

Clinical Centrifuge, including A12-10P rotor and both adapter A10P15&A10P15 plug(package contain in the box)

**Features:**  
 Max speed at 4500rpm.  
 Precise control of speed and time separately.  
 Faster acceleration and deceleration.  
 Perfectly suited for 15mL cell culture tubes and a full line of collection tube.  
 Sound-alert function.



Rotor	Capacity	Max Speed	Max RCF
No.1 A12-10P	8x15ml; 12x10ml	4500rpm	2490xg
No.2 A6-50P	6x50ml; 6x15ml	4000rpm	1800xg

Technical Parameters:	
Max Speed	4500rpm
Max RCF	2490xg
Max Capacity	8x15ml
Time Range	30s~99min HOLD
Noise	≤56dB
Power Supply	AC100V~240V 50Hz/60Hz 3A, 70W
Dimension	354x301x217mm (LxWxH)
Weight	6Kg

Technical Parameters:	
Max Speed	4500rpm
Max RCF	2490xg
Max Capacity	8x15ml
Time Range	30s~99min HOLD
Noise	≤56dB
Power Supply	AC100V~240V 50Hz/60Hz 3A, 70W
Dimension	354x301x217mm (LxWxH)
Weight	6Kg



Rotor	Capacity	Max Speed	Max RCF
No.1 A12-10P	8x15ml; 12x10ml	4500rpm	2490xg



### MC1003

Benchtop Low speed Centrifuge

**Features:**

Enhanced ergonomics to achieve a streamline design that is safe, aesthetic and practical.  
 With TFT true-color LCD wide-screen touch monitor featured by intelligent control, easy and convenient operation, a touch panel and a simultaneous indication of both the set parameters and operation ones.  
 With a complete steel structure and a stainless steel centrifuge cavity, it is sturdy and durable.  
 Variable-frequency brushless motor that is maintenance and dust-free.  
 10 kinds of speed-up and speed-down options. Can store 20 user programs.  
 With a motor gate lock mute mechanical & electrical integration.



Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	32×15ml	4000rpm	2810×g
No.2 Swing Rotor	8×50ml	4000rpm	2810×g
No.3 Swing Rotor	48×5ml	4000rpm	2940×g

Technical Parameters:	
Max Speed	5000rpm
Max RCF	4800×g
Max Capacity	4×100ml
Time Range	0~99h59min
Noise	≤65dB
Power Supply	AC220V 50Hz, 450W
Dimension	600×540×360mm (L×W×H)
Weight	35Kg



### MC1004

Benchtop low-speed Centrifuge

**Features:**

The machine adopts brushless dc motor direct drive, run no spark, no carbon dust pollution, low noise, to meet the requirements of the laboratory work.  
 Shock absorption system, the use of special damping effect is good.  
 Adopt computer to control, with highly precise speed, the touch panel is convenient for users to set operation parameters accurately; Operation can modify the parameters, can also see the speed corresponding to the centrifugal force.  
 This machine is composed of host and guest choose rotor, this machine with the rotor and the technical parameters of pipe rack are shown in table.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angel Rotor	6×15ml	4000rpm	1980×g
No.2 Angel Rotor	8×15ml	4000rpm	1980×g
No.3 Angel Rotor	12×7ml	4000rpm	1980×g

Technical Parameters:	
Max Speed	4000rpm
Max RCF	1980×g
Max Capacity	8×15ml
Time Range	0~99min
Noise	≤65dB
Power Supply	AC220V 50Hz 2A, 50W
Dimension	340×270×270mm (L×W×H)
Weight	6Kg



**MC1005/MC1006**

Benchtop Low-Speed High Performance Centrifuge

- Features:**  
 Advanced Control System, Excellent separation 10 kinds of Accel/Decel modes; User can set up the operate parameter by themselves, to achieve the best centrifugal result.  
 Short running function, easy to diversification centrifugation.  
 Proprietary SCT speed control technique, high efficiency.  
 Proprietary SBT soft brake control technique, to avoid mixing up and ensure getting maximum specimen.  
 Timing control, the centrifugal time can be free to choose minutes or seconds, to achieve optimal centrifugation.  
 High Safety, Ease of use.  
 Auto Rotor identification (MC1006 not applicable), no need to select rotor number, avoid to over-speed running, ensure safety.  
 Over speed, door lid and imbalance switch off and other protection functions, with sound and light alarm, to ensure human and instrument security.



Technical Parameters:	
Max Speed	5000rpm / 4000rpm
Max RCF	4390xg / 2200xg
Max Capacity	800ml (MC1005)/24x10ml (MC1006)
Time Range	1s-999min/999s
Noise	≤60dB
Power Supply	AC220V 50Hz 15A / AC220V 50Hz 10A
Dimension	560x460x390mm / 350x420x270mm (LxWxH)
Weight	54Kg / 18Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	4x50/100ml	5000rpm	4390xg
No.2 Swing Rotor	32x10/15ml	4000rpm	2810xg
No.3 Swing Rotor	8x50/100ml	4000rpm	2810xg
No.4 Swing Rotor	24x10/15ml	4000rpm	4390xg
No.5 Swing Rotor	48x5/7ml	4000rpm	3500xg
No.6 Microplate Rotor	2x2x96holes	4000rpm	2300xg



**MC1007**

Benchtop Low-Speed Centrifuge

- Features:**  
 Microprocessor control system, brushless motor, digital display of speed, RCF and time, overspeed protection.  
 Can set speed, RCF start, can change the parameters during centrifuge running to achieve the best centrifugation effect.  
 Self-balance, no need to do balancing.  
 Small size, easy to use. Widely used in hospital, chemistry laboratory and so on.



Technical Parameters:	
Max Speed	4000rpm
Max RCF	1880xg
Max Capacity	8x15ml
Time Range	0~99min
Noise	≤55dB
Power Supply	AC220V 50Hz 2A
Dimension	283x220x265mm (LxWxH)
Weight	6Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angel Rotor	8x10ml	4000rpm	1790xg
No.2 Angel Rotor	8x15ml	4000rpm	1880xg
No.3 Angel Rotor	12x5ml	4000rpm	1540xg
No.4 Angel Rotor	12x7ml	4000rpm	1790xg



### MC1008

Benchtop Low-Speed Centrifuge

**Features:**

Microprocessor control, operated by touch panel, LED and LCD display, operated data can be saved automatically, RCF value can be set directly for working, easy to use.  
 Brushless Motor, Bearing from Europe, smoothly running and maintenance free.  
 Steel body, stainless steel centrifugal chamber, durable and easy to clean.  
 Overspeed, door interlock, unbalanced protection. The rotor can be disinfected at high temperature & high pressure, ensure safety.  
 Proprietary air current design, small temperature-rise of centrifuge chamber, effective protection of the sample.



Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	4x50/100ml	5000rpm	4390xg
No.2 Swing Rotor	32x10/15ml	4000rpm	2810xg
No.3 Swing Rotor	16x10/15ml	4000rpm	2810xg
No.4 Swing Rotor	8x50/100ml	4000rpm	2810xg
No.5 Swing Rotor	40/48x5ml	4000rpm	3500xg
No.6 Microplate Rotor	2x2x96holes	4000rpm	2300xg
No.7 Microplate Rotor	2x48holes	4000rpm	2300xg

Technical Parameters:	
Max Speed	5000rpm
Max RCF	4390xg
Max Capacity	8x100ml
Time Range	0~999min/s
Noise	≤60dB
Power Supply	AC110V 60Hz/220V 50Hz, 200W
Dimension	560x460x390mm (LxWxH)
Weight	40Kg



### MC1009

**Features:**

Safety lid-lock, prevents opening lid until rotor stops.  
 DC motor free of maintenance.  
 Short spin and timing set spin patterns make it more efficient.  
 LCD Creen displays time and speed, convenient to set and read.  
 Use the advance and reliable CPU control system, can control the RPM, RCF and time accurately.  
 Ventilation cooling system and excellent air heat exchange technology will reduce the rotor temperature and ensure the sample undamaged.  
 Sound alert and automatic open the lid after the rotor stops.  
 Adjustable speed:100~5000 rpm. Max relative centrifugal force: 2850xg High accuracy of speed and time, excellent performance. More samples are dealt at one time with high efficiency.



Technical Parameters:	
Max Speed	5000rpm
Max RCF	2850xg
Max Capacity	6x50ml
Time Range	0~99m,59s
Noise	≤56dB
Power Supply	AC110V 60Hz/220V 50Hz, 200W
Dimension	505x415x320mm (LxWxH)
Weight	13Kg

Rotor	Capacity	Max RCF
No.1 Angle Rotor	18x3ml(5ml)(8ml)	2545xg
No.2 Angle Rotor	18x3ml(5ml)(8ml)	2850xg
No.3 Angle Rotor	24x3ml(5ml)(8ml)	2850xg
No.4 Angle Rotor	12x3ml(5ml)(8ml)	2850xg
No.5 Angle Rotor	6x50ml	2740xg
No.6 Angle Rotor	6x3ml(5ml)(8ml)	2510xg



### MC1010

Benchtop Low Speed Centrifuge  
MC1010 Benchtop Low Speed Centrifuge is widely used in clinics, genetic biology and cytology with its great performance and high quality. Various rotors, brackets and Adapters are available for choice.

**Features:**  
Microprocessor control, DC brushless motor.  
Electronic door interlock for safe operation.  
RCF value can be calculated automatically.  
Touch panel and LCD display for easy operation.  
Various rotors, brackets and Adapters for choice.  
It is programmable and 25 programs can be stored.



Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	4x100ml	5300rpm	5010xg
No.2 Swing Rotor	4x2x50ml 4x2x100ml 4x8x15ml 4x16x5ml/7ml 4x12x5ml/7ml	4200rpm	3100xg
No.3 Swing Rotor	2x2x96holes	4000rpm	2200xg
No.4 Swing Rotor	4x250ml	4200rpm	3550xg

Technical Parameters:	
Max Speed	5300rpm
Max RCF	5010xg
Max Capacity	4x250ml
Time Range	1~99min
Noise	≤56dB
Power Supply	AC220V 50Hz 10A, 400W
Dimension	470x560x380mm (LxWxH)
Weight	38Kg



### MC1011

Benchtop Low-speed centrifuge  
MC1011 is suitable for routine sample analysis in medical, hospital, pathology and institutional laboratories.  
With wide variety of accessories, they can be also used for preparation of samples in industrial and research laboratories.

**Features:**  
The shell adopts steel structure, which is simple-compact, light-weight and low-noise.  
LCD display and adopt control system realizing microprocessor control, it controls rotate speed, relative centrifuge force.  
Maintenance-free frequency conversion motor, can prevent over-speed Operation.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	6x50ml	4000rpm	2680xg
No.2 Angle Rotor	4x50ml	4000rpm	2680xg
No.3 Angle Rotor	12x10ml	4000rpm	2680xg
No.4 Angle Rotor	18x10ml	4000rpm	2680xg
No.5 Angle Rotor	12x15ml	4000rpm	2680xg
No.6 Angle Rotor	24x10ml	4000rpm	2680xg
No.7 Swing Rotor	8x15ml	4000rpm	2680xg
No.8 Swing Rotor	4x50ml	4000rpm	2680xg
No.9 Swing Rotor	12x10ml	4000rpm	2680xg

Technical Parameters:	
Max Speed	4000rpm
Max RCF	2680xg
Max Capacity	6x50ml
Time Range	0~99min
Noise	≤55dB
Power Supply	AC220V & 110V 50Hz 5A, 250W
Dimension	500x360x265mm (LxWxH)
Weight	20Kg



### MC1012

Benchtop Low Speed Centrifuge

**Features:**

- Metal external case.
- Rubber suspensions reduce the vibrations.
- Gas spring to prevent falling of door.
- Emergency lid lock release.
- Safety lid interlock to prevent cover opening during centrifugation.
- Extremely quiet operation.
- Choice of high brake, low brake.
- Imbalance high detector with cutoff.
- Stable speed output even under unstable voltage conditions.
- Countdown timer.
- Recall of last set parameters. (Useful for repetitive analysis).
- Self-diagnosis for errors.



Technical Parameters:	
Max Speed	5000rpm
Max RCF	4745xg
Max Capacity	4x250ml
Time Range	1min~99min59s
Noise	≤55dB
Power Supply	AC220V 50/60Hz 10A, 450W
Dimension	570x460x360mm (LxWxH)
Weight	35Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	4x100ml	5000rpm	4605xg
No.2 Swing Rotor	4x50ml	5000rpm	4745xg
No.3 Swing Rotor	8x 50ml	4000rpm	3040xg
No.4 Swing Rotor	32x 15ml	4000rpm	3000xg
No.5 Swing Rotor	32x 10ml	4000rpm	2930xg
No.6 Swing Rotor	32x 5ml	4000rpm	2810xg
No.7 Swing Rotor	32x 2ml	4000rpm	2810xg
No.8 Swing Rotor	48x 5ml	4000rpm	2980xg
No.9 Swing Rotor	48x2ml	4000rpm	2980xg
No.10 Swing Rotor	72x5ml	4000rpm	2950xg
No.11 Swing Rotor	72x2ml	4000rpm	2950xg
No.12 Swing Rotor	4x250ml	4000rpm	2900xg
No.13 Microplate Rotor	2x2x96holes	4000rpm	2390xg



### MC1013

Benchtop Low-speed centrifuge  
 MC1013 is suitable for routine sample analysis in medical, hospital, pathology and institutional laboratories.  
 With wide variety of accessories, they can be also used for preparation of samples in industrial and research laboratories.

**Features:**

- The shell adopts steel structure, which is simple-compact, light-weight and low-noise.
- LED display and adopt control system realizing microprocessor control, it controls rotate speed, relative centrifuge force.
- Maintenance-free frequency conversion motor, can prevent over-speed Operation.



Technical Parameters:	
Max Speed	4000rpm
Max RCF	2680xg
Max Capacity	6x50ml
Time Range	0~99min
Noise	≤55dB
Power Supply	AC220V & 110V 50Hz 5A
Dimension	430x360x270mm (LxWxH)
Weight	19Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	6x50ml	4000rpm	2680xg
No.2 Angle Rotor	4x50ml	4000rpm	2680xg
No.3 Angle Rotor	12x10ml	4000rpm	2680xg
No.4 Angle Rotor	18x10ml	4000rpm	2680xg
No.5 Angle Rotor	12x15ml	4000rpm	2680xg
No.6 Angle Rotor	24x10ml	4000rpm	2680xg



## MC1014

Benchtop Low Speed Centrifuge

With the excellent performance and comprehensive range of accessories, it can be used for both standard and special application, it is not only cost-effective, but also saving valuable space in the laboratory.

### Features:

- Metal external case.
- Rubber suspensions reduce the vibrations.
- Gas spring to prevent falling of door.
- Emergency lid lock release.
- Safety lid interlock to prevent cover opening during centrifugation.
- Extremely quiet operation.
- Imbalance high detector with cutoff.
- Stable speed output even under unstable voltage conditions.
- Countdown timer.
- Recall of last set parameters. (Useful for repetitive analysis).
- Self-diagnosis for errors.



Technical Parameters:	
Max Speed	5000rpm
Max RCF	4745xg
Max Capacity	4x100ml
Time Range	1min~99min
Noise	≤55dB
Power Supply	AC220V 50/60Hz 10A, 450W
Dimension	540x420x350mm (LxWxH)
Weight	38Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	4x100ml	5000rpm	4605xg
No.2 Swing Rotor	4x50ml	5000rpm	4745xg
No.3 Swing Rotor	8x50ml	4000rpm	3040xg
No.4 Swing Rotor	32x15ml	4000rpm	3000xg
No.5 Swing Rotor	32x10ml	4000rpm	2930xg
No.6 Swing Rotor	32x5ml	4000rpm	2810xg
No.7 Swing Rotor	32x2ml	4000rpm	2810xg
No.8 Swing Rotor	48x5ml	4000rpm	2980xg
No.9 Swing Rotor	48x2ml	4000rpm	2980xg
No.10 Swing Rotor	72x5ml	4000rpm	2950xg
No.11 Swing Rotor	72x2ml	4000rpm	2950xg
No.12 Swing Rotor	4x250ml	4000rpm	2900xg
No.13 Swing Rotor	2x2x96holes	4000rpm	2390xg



## MC1015

Benchtop Low Speed Centrifuge

MC1015 are suitable for routine sample analysis in medical, hospital, pathology and institutional laboratories. With wide variety of accessories, they can be also used for the preparation of samples in industrial and research laboratories.

### Features:

- Metal external case.
- Rubber suspensions reduce the vibrations.
- Emergency lid lock release.
- Safety lid interlock to prevent cover opening during centrifugation.
- Extremely quiet operation.
- Stable speed output even under unstable voltage conditions.
- Countdown timer.
- Recall of last set parameters.
- Self-diagnosis for errors.



Technical Parameters:	
Max Speed	4000rpm
Max RCF	2690xg
Max Capacity	12x20ml
Time Range	1~ 99h 59min
Noise	≤55dB
Power Supply	AC220V 50Hz 5A, 100W
Dimension	480x340x280mm (LxWxH)
Weight	22Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12 x10ml/5ml	4000rpm	2095xg
No.2 Angle Rotor	12 x20ml/5ml	4000rpm	2220xg
No.3 Angle Rotor	18x10ml/5ml	4000rpm	2240xg
No.4 Angle Rotor	8x15ml	4000rpm	2690xg
No.5 Angle Rotor	4x50ml	4000rpm	2420xg
No.6 Angle Rotor	12x10ml	4000rpm	2600xg
No.A Angle Rotor	12x15ml/5ml	4000rpm	2220xg



### MC1016

Benchtop low speed centrifuge

**Features:**

Widely used in hospital, laboratory and blood bank. Brushless DC motor which is in great torque, free maintenance, no powder pollution, quick in speed up and down. The flexible axle which drives the rotor directly, smooth in operation, low noise and small vibration. Micro computer control system, digital display the RCF, time and speed. There are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice. Electric lid lock, compact design, super speed and imbalance protection. The centrifuge body is made of high-quality steel, safe and reliable.



Technical Parameters:	
Max Speed	4000rpm
Max RCF	2250xg
Max Capacity	6x50ml
Time Range	0~99min
Noise	≤45dB
Power Supply	AC220V 50Hz
Dimension	265x483x320mm (LxWxH)
Weight	23Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	30x7/5ml	4000rpm	2250xg
No.2 Angle Rotor	18x10ml	4000rpm	2250xg
No.3 Angle Rotor	24x10ml	4000rpm	2200xg
No.4 Angle Rotor	12x15/7/5ml	4000rpm	2153xg
No.5 Angle Rotor	12x20ml	4000rpm	2220xg
No.6 Angle Rotor	6x50ml	4000rpm	2100xg
No.7 Swing Rotor	6x10ml	4000rpm	2390xg



### MC1017

Low speed centrifuge

**Features:**

MC1017 Benchtop type structure, driven by brushless DC stepless speed regulating motor, rotation speed and centrifuging time controlled by microcomputer, working parameters set via the keyboard, LED display of the centrifuging time, rotation speed and centrifugal force. The rotor of this machine is formed of aluminium alloy material, which can be matched with many conventional test tubes. Driven by DC high torque stepless speed regulating motor. Centrifuge force and speed can be set, also can be observed at any time during the running. Automatic stop upon opening of the door to ensure the operational safety. Automatic balancing, quiet operation.



Technical Parameters:	
Max Speed	4000rpm
Max RCF	2432xg
Max Capacity	12x15ml/20ml
Time Range	0~99min
Noise	≤60dB
Power Supply	AC220V 50Hz, 80W
Dimension	380x305x290mm (LxWxH)
Weight	20Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x15ml/20ml	4000rpm	2432xg



### MC1018

Benchtop low speed centrifuge

**Features:**

The machine adopts brushless motor, digital display, stainless steel centrifugal chamber, electronic safety locks and protection for imbalance. There are 9 levels of acceleration and deceleration for your choice. Operation parameters of instruments such as rotate speed, centrifugal force and time can be modified in operation. The operation is easy. The machine runs evenly, has stable performance and is safe and reliable.



Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	4x50ml	4200rpm	2970xg
No.2 Swing Rotor	4x100ml/8x50ml/24x7ml	4000rpm	2690xg
No.3 Swing Rotor	16x15ml	4000rpm	2690xg

Technical Parameters:	
Max Speed	4200rpm
Max RCF	2970xg
Max Capacity	4x100ml
Time Range	1min~99min
Noise	≤60dB
Power Supply	AC220V 50Hz 10A
Dimension	480x390x320mm (LxWxH)
Weight	28Kg



### MC1019

Benchtop low speed centrifuge

**Features:**

The machine adopts brushless motor, digital display, stainless steel centrifugal chamber, electronic safety locks and protection for imbalance. There are 9 levels of acceleration and deceleration for your choice. Operation parameters of instruments such as rotate speed, centrifugal force and time can be modified in operation. The operation is easy. The machine runs evenly, has stable performance and is safe and reliable.



Technical Parameters:	
Max Speed	4000rpm
Max RCF	2680xg
Max Capacity	24x10ml
Time Range	1min~99min
Noise	≤60dB
Power Supply	AC220V 50Hz 10A
Dimension	430x340x330mm (LxWxH)
Weight	25Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	24x10ml(vacuum tube)	4000rpm	2680xg



### MC1020

Benchtop low speed centrifuge

**Features:**

The machine adopts brushless motor, digital display, stainless steel centrifugal chamber, electronic safety locks and protection for imbalance. Operation parameters of instruments such as rotate speed, centrifugal force and time can be modified in operation. The operation is easy. The machine runs evenly, has stable performance and is safe and reliable.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x20ml	4000rpm	2680xg

Technical Parameters:	
Max Speed	4000rpm
Max RCF	2680xg
Max Capacity	12x20ml
Time Range	1min~99min
Noise	≤60dB
Power Supply	AC220V 50Hz 5A
Dimension	430x340x330mm (LxWxH)
Weight	23Kg



### MC1021/MC1022

Benchtop low speed centrifuge

**Features:**

The machine adopts brushless maintenance-free frequency conversion driving, micro-computer control, liquid crystal display, stainless steel centrifugal chamber, electronic safe locks and protection for imbalance. Faults are recognized automatically. It can store 9 operation procedures and there are 9 levels of acceleration and deceleration for your choice. Operation parameters of instruments such as rotate speed, centrifugal force and temperature can be modified in operation. The operation is easy. The machine runs evenly, has stable performance and is safety and reliable.



Technical Parameters:	
Max Speed	6000rpm/5000rpm
Max RCF	5200xg
Max Capacity	4x500ml
Time Range	1min~99min
Noise	≤60dB
Power Supply	AC220V 50Hz 10A
Dimension	550x450x365mm (LxWxH)
Weight	45Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	4x100ml/4x50ml	5000rpm	4650xg
No.2 Swing Rotor	8x50ml/8x100ml/24x15ml/32x15ml/48x7ml vacuum tube	4000rpm	2980xg
No.3 Swing Rotor	4x250ml	5000rpm	5200xg
No.4 Swing Rotor	2x2x96holes	4000rpm	1970xg
No.5 Swing Rotor	4x500ml	4000rpm	3400xg
No.6 Swing Rotor	12x15ml	6000rpm	5120xg



### MC1023

Benchtop Low Speed Centrifuge

**Application:**

Benchtop Low Speed Centrifuge is widely used in the field of clinical medicine, biochemistry, genetic engineering, immunology, etc. It applies to hospitals, scientific research units, colleges and universities for centrifugal separation.

**Features:**

Microcomputer control, DC brushless motor, stable operation, low noise and high speed accuracy.

Touch panel, programmable operation, operation data can be set according to demands and stored automatically.

LED or LCD display. user-friendly interface, simple and convenient operations.

The real-time conversation of Speed and RCF is convenient for operation. It has self-locking device, lid safety device, over-speed safety device, and automatic alarm device, etc.



Technical Parameters:	
Max Speed	5000rpm
Max RCF	4390×g
Max Capacity	32×15ml
Time Range	1min~99min
Noise	≤65dB
Power Supply	AC220V 50Hz 10A
Dimension	460×540×340mm (L×W×H)
Weight	28Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	4×50ml	5000rpm	4390×g
No.2 Swing Rotor	8×50ml	4000rpm	2810×g
No.3 Swing Rotor	4×4×15ml 6×4×15ml 8×4×15ml	4000rpm	2810×g
No.4 Swing Rotor	48×7ml	4000rpm	2810×g
No.5 Microplate Rotor	8×96holes	4000rpm	2200×g

# 02

## BENCHTOP LOW SPEED REFRIGERATED CENTRIFUGE

Benchtop Low Speed Refrigerated Centrifuge is in common use for sample separation in biochemistry, medical agronomy, foodstuff sanitation. It is an ideal instrument for hospitals, labs, scientific research institutes, producers. The temperature setting range of the centrifuge is from -20°C to 40°C, the environmental refrigerant can keep the temperature below 4°C at the max speed.





### MC2001

Benchtop Low speed refrigerated Centrifuge

**Features:**

With TFT true-color LCD wide-screen touch monitor featured by intelligent control, touchable/push-button operation models for simultaneous control.

Automatically record the operational parameters, can be directly started by RCF.

Use a brushless motor with high torque and variable frequency, with special combination of shock absorbers to keep the motor running smoothly.

With a complete steel structure and a stainless steel centrifuge cavity, it is sturdy and durable.

With a motor gate lock mute mechanical & electrical integration.

Able to provide more than 20 kinds of operating modes for the user to programme and use freely.

10 levels for speed-up / speed-down control.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x10ml	6500rpm	3290xg
No.2 Swing Rotor	4x250ml	4000rpm	3290xg
No.3 Swing Rotor	32x15ml	4000rpm	2800xg
No.4 Swing Rotor	2x2x96holes	4000rpm	2360xg

Technical Parameters:	
Max Speed	6500rpm
Max RCF	4800xg
Max Capacity	4x300ml
Time Range	0~99h59min
Temperature Range	-20°C~+40°C
Temperature Accuracy	±1°C
Noise	≤65dB
Power Supply	AC220V 50Hz, 1.8KW
Dimension	630x760x400mm (LxWxH)
Weight	110Kg



### MC2002

Benchtop Large Capacity Low-Speed Refrigerated Centrifuge

**Features:**

Microprocessor control, operated by touch panel, visual digital display, operated data can be saved automatically, RCF value can be set directly for working, easy to use.

Brushless converter motor which has high torque, Imported super speed bearing from Europe, smooth running and maintenance free.

Steel body, multistage damping system, low noise and slight vibration, green.

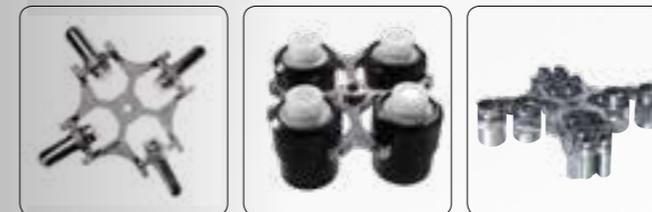
The freon-free compressor from Europe, stainless steel centrifugal chamber, fast cooling, pre-cooling design makes high working efficiency.

Overspeed, over temperature, door interlock, imbalance protection function, ensure operation safety. The rotor can be high temperature & high pressure sterilization.

Adjustable acceleration and deceleration from grade 0 to 9 or directly set the time of Accel/Decel, 40 kinds of self-defining operating programs can be stored and recall, to achieve the best centrifugal result.

Hold-on and transient centrifuging, easy to diverse centrifugation.

Can be configured 5ml, 7ml, 10ml, 15ml, 30ml, 50ml and several kinds of adapters, to meet the customer's multiple needs.



Technical Parameters:	
Max Speed	5000rpm
Max RCF	4390xg
Max Capacity	4x250ml
Time Range	0~99min
Temperature Range	-20°C~+40°C
Temperature Accuracy	±1°C
Noise	≤65dB
Power Supply	AC220V 50Hz 18A
Dimension	640x680x380mm (LxWxH)
Weight	95Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	4x50/100ml	5000rpm	4390xg
No.2 Swing Rotor	4x 250/8x50/32x10ml	4000rpm	3500xg
No.3 Swing Rotor	32x10/15ml	4000rpm	2810xg
No.4 Swing Rotor	16x10/15ml	4000rpm	2810xg
No.5 Swing Rotor	8x50/100ml	4000rpm	2810xg
No.6 Swing Rotor	40/48x5ml	4000rpm	3500xg
No.7 Swing Rotor	96x5/7ml	4000rpm	3580xg
No.8 Swing Rotor	80x5/7ml	4000rpm	3580xg



### MC2003

Benchtop High Capacity Refrigerated Centrifuge

**Features:**

Microcomputer control, DC brushless motor, stable operation, low noise and high speed accuracy.

Touching panel, programmable operation, The operation data can be set according to demands and stored automatically.

LED or LCD display, user-friendly interface, simple and convenient operation.

The real-time conversation of Speed and RCF is convenient for operation.

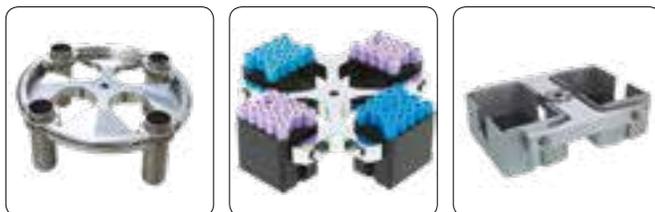
It has self-locking device, over-speed safety device, over-temperature safety device, imbalance safety device and automatic alarm device.

It has 9 files of acceleration and deceleration for your choice.

**Application:**

Benchtop high speed refrigerated centrifuge is widely used in the field of clinical medicine, biochemistry, genetic engineering and immunology etc. It is the essential equipment

used by hospitals, scientific research units and institutions of higher learning.



Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	4x100ml	5000rpm	4390xg
No.2 Swing Rotor	2x4x50ml 4x4x15ml 6x4x15ml 8x4x15ml	4000rpm	2810xg
No.3 Swing Rotor	72x7ml	4000rpm	2810xg
No.4 Swing Rotor	48x7ml	4000rpm	2810xg
No.5 Microplate Rotor	8x96holes	4000rpm	2200xg

Technical Parameters:	
Max Speed	5000rpm
Max RCF	4390xg
Max Capacity	32x15ml
Time Range	1min~99min
Temperature Range	-5 °C ~+35°C
Temperature Accuracy	±1°C
Noise	≤65dB
Power Supply	AC220V 50Hz 15A
Dimension	460x710x420mm (LxWxH)
Weight	80Kg



### MC2004

Benchtop Large Capacity Low-Speed Refrigerated Centrifuge

**Features:**

Microprocessor control, driven by AC variable frequency motor, smooth and quiet operation.

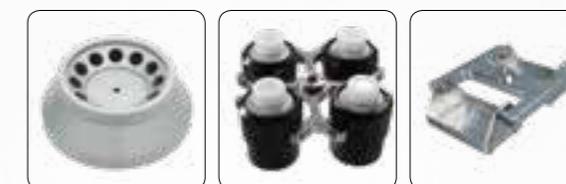
Colorful LED display the parameters of speed, RCF, temperature and time, the parameters can be changed at any time during operation.

The speed and RCF can be set separately, they can be exchanged with each other, they can be observed at any time.

With short-term centrifugal dedicated jog button, 10 files plus and deceleration control.

With electronic door locks, all-steel protective sleeve.

For the separation and purification of radioimmunoassay, biochemistry, biological pharmaceuticals, blood products.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x10ml	5500rpm	4390xg
No.2 Swing Rotor	4x800ml	4000rpm	3450xg
No.3 Swing Rotor	4x500ml	4000rpm	3310xg
No.4 Swing Rotor	6x100ml	4000rpm	3390xg
No.5 Swing Rotor	4x100ml	4000rpm	3390xg
No.6 Swing Rotor	32x15ml	4000rpm	2810xg
No.7 Swing Rotor	48x5/7ml	4000rpm	2810xg
No.8 Swing Rotor	72x5/7ml	4000rpm	2810xg
No.9 Swing Rotor	96x5/7ml	4000rpm	3000xg
No.10 Swing Rotor	148x5/7ml	4000rpm	3000xg
No.11 Microplate Rotor	2x2x96holes	4000rpm	2840xg
No.12 Microplate Rotor	2x2x96holes	4000rpm	2300xg

Technical Parameters:	
Max Speed	5500rpm
Max RCF	4390xg
Max Capacity	4x500ml
Time Range	0~99min
Temperature Range	-5 °C ~+35°C
Temperature Accuracy	±1°C
Noise	≤65dB
Power Supply	AC220V 50Hz 15A
Dimension	600x700x450mm (LxWxH)
Weight	120Kg

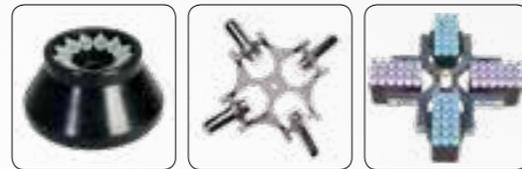


### MC2005

Benchtop Large Capacity Refrigerated Centrifuge

**Features:**

Adopt advanced CPU control system to realize microprocessor control of rotate speed, temperature and RCF.  
 Maintenance-free frequency conversion motor can prevent over-speed operation.  
 With imported freon-free refrigeration system operating, for the purpose of environment protection.  
 With protection from over speed, over temperature, imbalance and protection of automatic electronic or mechanical lock, to ensure the safety of operators and machines.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle rotor	12x15/10ml	5000rpm	4390xg
No.2 Swing Rotor	6x500ml	4000rpm	4390xg
No.3 Swing Rotor	6x250ml	4000rpm	3600xg
No.4 Swing Rotor	32x10ml	4000rpm	2810xg
No.5 Swing Rotor	148x7ml	4000rpm	4100xg
No.6 Swing Rotor	4x500ml	4000rpm	3600xg
No.7 Swing Rotor	32x15ml	4000rpm	2810xg
No.8 Swing Rotor	4x100ml	4000rpm	2810xg
No.9 Swing Rotor	8x50ml	4000rpm	2810xg
No.10 Swing Rotor	72x5ml	4000rpm	2800xg
No.11 Swing Rotor	48x7ml	4000rpm	2800xg
No.12 Microplate Rotor	2x2x96holes	3000rpm	2300xg

**Technical Parameters:**

Max Speed	5000rpm
Max RCF	4390xg
Max Capacity	6x500ml
Time Range	0~99min
Temperature Range	-20 °C ~+40°C
Temperature Accuracy	±1°C
Noise	≤60dB
Power Supply	AC220V&110V 50Hz 10A
Dimension	830x750x480mm (LxWxH)
Weight	150Kg



### MC2006

Benchtop Large Capacity Refrigerated Centrifuge

**Features:**

Adopt advanced CPU control system to realize microprocessor control of rotate speed, temperature and RCF.  
 Maintenance-free frequency conversion motor can prevent over-speed operation.  
 With imported freon-free refrigeration system operating, for the purpose of environment protection.  
 With protection from over speed, over temperature, imbalance and protection of automatic electronic or mechanical lock, to ensure the safety of operators and machines.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x15/10ml	5000rpm	4390xg
No.2 Swing Rotor	6x500ml	4000rpm	4390xg
No.3 Swing Rotor	6x250ml	4000rpm	3600xg
No.4 Swing Rotor	32x10ml	4000rpm	2810xg
No.5 Swing Rotor	148x7ml	4000rpm	4100xg
No.6 Swing Rotor	4x500m	4000rpm	3600xg
No.7 Swing Rotor	32x15ml	4000rpm	2810xg
No.8 Swing Rotor	4x100ml	4000rpm	2810xg
No.9 Swing Rotor	8x50ml	4000rpm	2810xg
No.10 Swing Rotor	72x5ml	4000rpm	2800xg
No.11 Swing Rotor	48x7ml	4000rpm	2800xg
No.12 Microplate Rotor	2x2x96holes	3000rpm	2300xg

**Technical Parameters:**

Max Speed	5000rpm
Max RCF	4390xg
Max Capacity	6x500ml
Time Range	0~99min
Temperature Range	-20 °C ~+40°C
Temperature Accuracy	±1°C
Noise	≤60dB
Power Supply	AC220V&110V 50Hz 10A
Dimension	830x750x480mm (LxWxH)
Weight	150Kg



## MC2007

Low speed large capacity refrigerated centrifuge

### Features:

MC2007 refrigerated centrifuge is melt housing, safe & compact, it is of microprocessor control, less noise and fast cooling  
 Brush-less frequency motor, free maintenance, no powder pollution, quick in speed up and down.  
 The flexible axle driven system which drive the rotor directly, smooth in operation and small vibration.  
 There are many rotors for your choice, suitable for different specifications meets customers' different requirements of separation.  
 Digital display the RCF, time and speed.  
 Auto-electric lid lock with insert alarm & over-speed protection.

### Technical Parameters:

Max Speed	5000rpm
Max RCF	4730×g
Max Capacity	4×800ml
Time Range	0~99h59min
Temperature Range	-20 °C ~+40°C
Temperature Accuracy	±1°C
Noise	≤60dB
Power Supply	AC220V&110V 50Hz 2A
Dimension	883×805×560mm (L×W×H)
Weight	105Kg



Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	4×800ml	4000rpm	3450×g
No.2 Swing Rotor	4×500ml	4000rpm	3380×g
No.3 Microplate rotor	4×4×96holes	4000rpm	2840×g
No.4 Swing Rotor	4×12×5ml	4000rpm	3270×g



## MC2008

Benchtop low speed refrigerated centrifuge

### Features:

The machine adopts brushless maintenance-free frequency conversion driving, micro-computer control, stainless steel centrifugal chamber, electronic safe locks and protection for imbalance. Operation parameters of instruments such as rotate speed, centrifugal force, time and temperature can be modified in operation. It can store 12 operation procedures in common use and there are 19 levels of acceleration and deceleration for your choice. The refrigerating system uses imported compressors, CFC-free refrigerants, refrigerating/heating double loop, which make the machine heat and cool fast and have low noise as well as small vibration high precision. The operation is easy. The machine runs evenly, has stable performance and is safe and reliable. This machine is widely used in radio-immunity, biochemistry, blood products, environmental protection and other research and manufacturing institutions. Particles with different density in the solution can be separated.



### Technical Parameters:

Max Speed	5000rpm
Max RCF	5200×g
Max Capacity	4×750ml
Time Range	1min~99min
Temperature Range	-20 °C ~+40°C
Temperature Accuracy	±10°C
Noise	≤60dB
Power Supply	AC220V 50Hz 15A
Dimension	600×750×420mm (L×W×H)
Weight	90Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	4×100ml/4×50ml	5000rpm	4650×g
No.2 Swing Rotor	8×50ml/8×100ml/24×15ml/32×15ml /48×7ml vacuum tube	4000rpm	2980×g
No.3 Swing Rotor	4×250ml	5000rpm	5200×g
No.4 Microplate rotor	2×2×96holes	4000rpm	1970×g
No.5 Swing Rotor	4×500ml	4000rpm	3400×g
No.6 Swing Rotor	4×750ml	4000rpm	3500×g
No.7 Swing Rotor	6×250ml	4000rpm	3580×g



### MC2009

Low speed refrigerated centrifuge

**Features:**

- Microcomputer control, LCD liquid crystal display (LCD).
- Driven by AC frequency conversion motor.
- Imported refrigeration compressor.
- 9 kinds of ascending and descending rate of choice.
- 10 kinds of custom work mode selection.
- Speed mutually establish/centrifugal force, synchronous display.
- Two optional timing mode: run start timing and timing starts to set speed, easy to switch.
- Full steel structure, stainless steel centrifugal cavity.
- Can change at any time in the operation of the parameters, without downtime.
- Centrifugal lay particular stress on tolerance up to 30 grams, no special load balancing.
- Door with double lock rod design, magnetic locks, electric door, more safe and reliable operation.



Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	4x300ml	4500rpm	3524xg
No.2 Swing Rotor	148x5ml	4500rpm	3321xg
No.3 Microplate rotor	2x96holes	4000rpm	1932xg
No.4 Microplate rotor	4x96holes	4000rpm	2403xg

Technical Parameters:	
Max Speed	4500rpm
Max RCF	3524xg
Max Capacity	4x300ml
Time Range	1min~99h99min59s
Temperature Range	-20 °C ~+40°C
Temperature Accuracy	±2°C
Noise	≤56dB
Power Supply	AC220V 50Hz, 1.5KW
Dimension	680x710x525mm (LxWxH)
Weight	80Kg



**03**  
**BENCHTOP HIGH SPEED CENTRIFUGE**  
 Benchtop High Speed Centrifuge is useful for routine application in bio-technology, PCR, life science and clinical labs etc. The max speed of the centrifuge is above 10000rpm, it is suitable for routine sample analysis in Medical, Hospital and Institutional laboratories.



**MC3001**

High Speed Micro-Centrifuge

**Features:**

High Speed Micro-Centrifuge, with AS24-2 aluminum alloy rotor kit(package contain in the box). High speed micro-centrifuge range is widely used in physical and chemistry analysis, biochemistry, cellular and molecular biology, clinical Labs and blood donation centers, and is ideal for high-end research applications:

- Sedimentation of cells and viruses,
- Separation of sub-cellular organelles,
- Isolation of macromolecules such as DNA, RNA, proteins or lipids.
- Speed/RCF switch; Pulse operation; Processing display; Voice reminder.



Rotor	Capacity	Max Speed	Max RCF
No.1 AS18-5	18x5ml	15000rpm	21380xg
No.2 AS12-5V	12x5ml	15000rpm	21380xg
No.3 AS24-2	24x2ml/1.5ml	15000rpm	21380xg
No.4 AS36-05	36x0.5ml	15000rpm	21380xg
No.5 AS4-PCR8	4x0.2ml PCR8	15000rpm	21380xg

Technical Parameters:	
Max Speed	15000rpm
Max RCF	21380xg
Max Capacity	24x2ml
Time Range	30s~99min-HOLD
Noise	≤64dB
Power Supply	AC220V~240V/110V~120V 50Hz/60Hz 5A
Dimension	364x280x266mm (LxWxH)
Weight	12Kg



**MC3002**

Benchtop High-Speed Centrifuge

**Features:**

The design of the whole machine is in line with the ergonomics. With a complete steel structure and a stainless steel centrifuge cavity, it is safer, better looking and more efficient.

With TFT true-color LCD wide-screen touch monitor featured by intelligent control, easy and convenient operation, a touch panel and a simultaneous indication of both the set parameters and operation ones.

Driven by a variable-frequency brushless motor to achieve quite and clean operation.

With a dedicated key indicating the centrifugal force.

With a motor gate lock mute mechanical & electrical integration.

10 speed-up and speed-down options, the optimal speed-up time is 30 seconds, the optimal speed-down time 30 seconds.

Can store 20 user programme.



Technical Parameters:	
Max Speed	16500rpm
Max RCF	18780xg
Max Capacity	12x10ml
Time Range	0~99h59min
Noise	≤65dB
Power Supply	AC220V 50Hz, 350W
Dimension	380x260x310mm (LxWxH)
Weight	17Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle rotor	12x1.5/2.0ml	16500rpm	18780xg
No.2 Angle rotor	24x1.5/2.0ml	14000rpm	18180xg
No.3 Angle rotor	10x5ml	14000rpm	13520xg
No.4 Angle rotor	12x10ml	12000rpm	13400xg



### MC3003

Benchtop High-Speed Centrifuge

**Features:**

The design of the whole machine is in line with the ergonomics. With a complete steel structure and a stainless steel centrifuge cavity, it is safer, better looking and more efficient.

With TFT true-color LCD wide-screen touch monitor featured by intelligent control, easy and convenient operation, a touch panel and a simultaneous indication of both the set parameters and operation ones.

Driven by a variable-frequency brushless motor to achieve quite and clean operation.

With a dedicated key indicating the centrifugal force.

With a motor gate lock mute mechanical & electrical integration.

Can store 20 user programme.



Technical Parameters:	
Max Speed	16500rpm
Max RCF	18780×g
Max Capacity	6×50ml
Time Range	0~99h59min
Noise	≤65dB
Power Supply	AC220V 50Hz, 350W
Dimension	500×440×330mm (L×W×H)
Weight	35Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle rotor	12×1.5/2.0ml	16500rpm	18780×g
No.2 Angle rotor	18×1.5/2.0ml	15000rpm	17770×g
No.3 Angle rotor	24×1.5/2.0ml	14000rpm	18180×g
No.4 Angle rotor	10×5ml	13500rpm	12570×g
No.5 Angle rotor	8×15ml	13500rpm	11480×g
No.6 Angle rotor	12×10/5ml	12000rpm	13400×g
No.7 Angle rotor	6×50ml	11000rpm	11610×g
No.8 Angle rotor	6×50ml	6000rpm	3460×g
No.9 Swing Rotor	12×10ml	4000rpm	2330×g
No.10 Microplate Rotor	2×2×48holes	3000rpm	1440×g



### MC3004

Benchtop High-Speed Centrifuge

**Features:**

Microprocessor control, operated by touch panel, LED and LCD display, operated data can be saved automatically, RCF value can be set directly for working, easy to use.

Brushless converter motor which has high torque, High speed bearing from Europe, smoothly running and maintenance-free.

Multistage damping system, the freon-free compressor from Europe, low noise and slight vibration, green.

Steel body, stainless steel centrifugal chamber, imports of key components, durable and easy to clean.

Overspeed, door interlock, unbalanced protection. The rotor can be disinfected at high temperature & high pressure, ensure safety.

Proprietary air current design, small temperature-rise of centrifuge chamber, effective protection of the sample.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12×1.5ml	16000rpm	19200×g
No.2 Angle Rotor	18×0.5ml	16000rpm	19200×g
No.3 Angle Rotor	24×1.5/2.0ml	13000rpm	16060×g
No.4 Angle Rotor	48×0.5ml	13000rpm	14740×g
No.5 Angle Rotor	10×5ml	13000rpm	11500×g
No.6 Angle Rotor	12×10ml	12000rpm	14800×g
No.7 Angle Rotor	6×50ml	12000rpm	14800×g
No.8 Angle Rotor	8×15ml	10000rpm	10300×g
No.9 Angle Rotor	4×100ml	10000rpm	9690×g

Technical Parameters:	
Max Speed	16000rpm
Max RCF	19200×g
Max Capacity	6×50ml
Time Range	0~99min
Noise	≤65dB
Power Supply	AC220V 50Hz 15/8A
Dimension	400×350×340mm (L×W×H)
Weight	20Kg



### MC3005

High speed micro centrifuge  
MC3005 can be equipped with 4 rotors in the micro bench type, offering a complete solution in the preparation of samples to be centrifuged for research laboratories, biology, industrial and hospital clinics.

**Features:**  
The shell adopts steel structure, which is simple-compact, light-weight and low-noise.  
Adopt advanced CPU control system to realize microprocessor control of rotate speed, temperature and RCF.  
Taking stainless steel structure, which is suitable for sustainable use; using automatic electric lock and mechanical lock, which is easy to open.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x1.5/2.2ml	16000rpm	17800xg
No.2 Angle Rotor	8x5ml	13000rpm	11400xg
No.3 Angle Rotor	18x0.5/0.2ml	16000rpm	17800xg
No.4 The rotor(8 with tube)	2x8x0.2ml	16000rpm	17800xg

Technical Parameters:	
Max Speed	16000rpm
Max RCF	17800xg
Max Capacity	8x5ml
Time Range	0~99min
Noise	≤60dB
Power Supply	AC220V&110V 50Hz 2A
Dimension	330x220x210mm (LxWxH)
Weight	10Kg



### MC3006

Benchtop High-Speed Centrifuge  
This centrifuge is useful for routine application in bio-technology, PCR, life science and clinical labs etc. This is suitable for routine sample analysis in Medical, Hospital and Institutional laboratories. With a wide choice of rotor heads and adapters, this unit is truly versatile.

**Features:**  
Reliable drive system, with low noise level and running stable.  
Protection for door lid, over-speed, and imbalance.  
Easy operation, and easy to load and unload rotors.  
Stainless steel chamber and full metal structure.  
With manual emergency lid release for unexpected power interruption.  
Brushless induction motor with frequency drive ensures gentle start.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x1.5/2.2ml	16000rpm	17800xg
No.2 Angle Rotor	8x5ml	13000rpm	11400xg
No.3 Angle Rotor	12x10/15ml	12000rpm	14800xg
No.4 Angle Rotor	24x1.5/2.2ml	13500rpm	17000xg
No.5 Angle Rotor	18x0.5ml	13500rpm	7000xg
No.6 Angle Rotor	36x1.5/2.2ml	13500rpm	17600xg
No.7 Angle Rotor	6x50ml	11000rpm	12000xg
No.8 Angle Rotor	4x100ml	10000rpm	9800xg
No.9 Microplate Rotor	2x2x48holes	4000rpm	1760xg
No.10 Angle Rotor	6x30ml	13000rpm	17000xg
No.11 Angle Rotor	6x15ml	13000rpm	15100xg
No.12 Angle Rotor	8x50ml	8000rpm	9800xg

Technical Parameters:	
Max Speed	16000rpm
Max RCF	17800xg
Max Capacity	4x100ml
Time Range	0~99min
Noise	≤85dB
Power Supply	AC220V 50Hz 5A
Dimension	525x415x345mm (LxWxH)
Weight	35Kg



### MC3007

Micro Table-top High-speed Refrigerated Centrifuge MC3007 can be equipped with rotors in the micro bench type, offering a complete solution in the preparation of samples to be centrifuged for research laboratories, biology, industrial and hospital clinics.

**Features:**

- The shell adopts steel structure, which is simple-compact, light-weight and low-noise.
- Adopt advanced CPU control system to realize microprocessor control of rotate speed, temperature and RCF.
- With stainless steel structure, guard ring around chamber.
- Protection for door lid, over speed, imbalance.
- LCD display, easy to operate.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x1.5/2.2ml	18000rpm	16800xg
No.2 Angle Rotor	12x1.5/2.2ml	16000rpm	17800xg
No.3 Angle Rotor	12x5ml	12000rpm	10560xg
No.4 Angle Rotor	24x1.5/2ml	14000rpm	18860xg
No.5 Angle Rotor	18x0.5/0.2ml	16000rpm	17800xg
No.6 Angle Rotor	8x5ml	13000rpm	11400xg
No.7 Angle Rotor	36x1.5/2.2ml	13500rpm	17600xg

Technical Parameters:	
Max Speed	18000rpm
Max RCF	18860xg
Max Capacity	36x1.5ml/2.2ml
Time Range	0~99min
Noise	≤60dB
Power Supply	AC220V&110V 50Hz 18A
Dimension	600x330x300mm (LxWxH)
Weight	12Kg



### MC3008

Benchtop High Speed Centrifuge MC3008 is used for routine applications in bio-technology, PCR, life sciences, bio-chemical and clinical labs etc. This unit is suitable for routine sample analysis in Medical, Hospital, Pathology and Institutional laboratories. With a wide choice of rotor heads and adapters, this unit is truly versatile.

**Features:**

- Brushless induction motor with frequency drive ensures gentle start.
- Reliable drive system.
- Very low noise level.
- Motorized lid locks.
- Special rotor connector which makes it easy to load and unload rotor.
- Special tool for loading and unloading rotor.
- Coded rotor identification prevents the rotor from over speed.
- Stainless steel chamber.
- Imbalance switch.
- It cannot run with the open lid, neither open the lid when rotor runs.
- Manual emergency lid release (very useful in an unexpected power interruption).
- Produced according to national and international safety regulations (e.g. IEC 61010)
- ISO9001:2008, ISO13485, CE international standards are met.



Technical Parameters:	
Max Speed	16000rpm
Max RCF	20920xg
Max Capacity	4x100ml
Time Range	1min~99min 59s
Noise	≤55dB
Power Supply	AC220V 50/60Hz 5A
Dimension	400x350x340mm (LxWxH)
Weight	27Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x0.5ml	16000rpm	17800xg
No.2 Angle Rotor	12x1.5ml/2.2ml	16000rpm	17800xg
No.3 Angle Rotor	10x5ml	13000rpm	13200xg
No.4 Angle Rotor	12x10ml	13000rpm	12740xg
No.5 Angle Rotor	24x1.5ml	15000rpm	20920xg
No.6 Angle Rotor	48x0.5ml	12000rpm	13910xg
No.7 Angle Rotor	6x50ml	11000rpm	13280xg
No.8 Angle Rotor	6x30ml	12000rpm	13900xg
No.9 Angle Rotor	4x100ml	10000rpm	10975xg
No.10 Angle Rotor	12x15ml (round bottom)	10000rpm	11840xg
No.11 Angle Rotor	10x15ml (conical base)	10000rpm	11420xg



### MC3009

Benchtop Universal Laboratory Centrifuge

**Features:**

Widely used for laboratory, blood bank and hospital.  
 10 kinds of acceleration and deceleration, easy control.  
 More than 10 rotors for your choice  
 High speed, low noise, compact design and small vibration  
 User-friendly LED display provides speed, time and RCF parameters  
 Brushless DC motor which in great torque, no powder pollution, free maintenance, quick in speed up and down  
 Imbalance sensor and over speed sensor, the centrifuge body is made of high-quality steel, very safe.  
 Stainless steel chamber.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	30x0.5ml	15000rpm	18510xg
No.2 Angle Rotor	24x1.5/2ml	15000rpm	20600xg
No.3 Angle Rotor	48x1.5/2ml	11000 rpm	12840xg
No.4 Angle Rotor	16x5ml	15000rpm	19350xg
No.5 Angle Rotor	24x15ml	5000rpm	3080xg
No.6 Angle Rotor	12x10ml	13000rpm	14510xg
No.7 Angle Rotor	30x15ml	5000rpm	3080xg
No.8 Angle Rotor	8x20ml	12000rpm	14510xg
No.9 Angle Rotor	6x30ml	12000rpm	14000xg
No.10 Angle Rotor	6x50ml	11000rpm	13480xg
No.11 Angle Rotor	6x70ml	12000rpm	10810xg
No.12 Angle Rotor	4x100ml	12000rpm	14850xg
No.13 Angle Rotor	6x100ml	8000rpm	7280xg
No.14 Microplate Rotor	6x48holes	4000rpm	2300xg
No.15 Angle Rotor	24xCapillary tubes	12000rpm	15800xg

Technical Parameters:	
Max Speed	16000rpm
Max RCF	20600xg
Max Capacity	6x100ml
Time Range	0~99min
Noise	≤55dB
Power Supply	AC220V 50Hz 10A
Dimension	320x513x370mm (LxWxH)
Weight	42Kg

### MC3010

High speed micro centrifuge

**Features:**

Widely used in laboratory, hospital and blood bank.  
 Brushless motor for model MC3010, free maintenance, no powder pollution, quick in speed up and down.  
 Range of speed from 0 to 16000rpm, smooth in operation, low noise and small vibration.  
 Micro computer control system, digital display the RCF, time and speed. There are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.  
 Automatic electric cover lock, compact design, super speed and imbalance protection.  
 With over speed and imbalance protection, it's safe and reliable.



Technical Parameters:	
Max Speed	16000rpm
Max RCF	19040xg
Max Capacity	10x5ml
Time Range	0~99min
Noise	≤55dB
Power Supply	AC220V 50Hz 2A
Dimension	355x270x205mm (LxWxH)
Weight	16Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	40x0.2ml	16000rpm	19040xg
No.2 Angle Rotor	24x0.5ml	16000rpm	18480xg
No.3 Angle Rotor	12x1.5/2ml	16000rpm	16260xg
No.4 Angle Rotor	10x5ml	16000rpm	17880xg
No.5 Angle Rotor	20x1.5/2ml	16000rpm	15580xg



### MC3011

High speed centrifuge

**Features:**

MC3011 high-speed centrifuge, Benchtop type construction, all steel structure, and novel appearance design. This centrifuge adopts DC brushless motor drive with the features of low noise, long service life, quick speedup and strong loading capacity. This centrifuge adopts microcomputer control system with LED digital display.  
 Microcomputer control with LED digital display.  
 Adopts DC brushless motor drive.  
 Multi-step speed up and down available.  
 Inching function with brief centrifuging.  
 Electric safety door lock with imbalance protection.  
 Automatic balancing without the need of trimming.  
 Overspeed protection.  
 Mutually set rotating speed/centrifugal force, the centrifugal force can be set directly.  
 Parameters can be modified at any time during the running without stopping the machine.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x1.5ml/2.2ml	16500rpm	18110xg
No.2 Angle Rotor	10x5ml	14000rpm	13148xg

Technical Parameters:	
Max Speed	16500rpm
Max RCF	17700xg
Max Capacity	10x5ml
Time Range	1min~99min
Noise	≤60dB
Power Supply	AC220V 50Hz 80W
Dimension	330x390x325mm (LxWxH)
Weight	15Kg



### MC3012

High speed centrifuge

**Features:**

Microcomputer control, LCD liquid crystal display (LCD).  
 Ac frequency conversion motor drive, quiet operation clean.  
 Offers nine ascending and descending rate selection mode; Offer ten kinds of working mode selection, can free programming, call.  
 Speed/centrifugal force can be set each other, with the screen display.  
 Two optional timing mode: run start timing and timing starts to set speed, easy to switch.  
 Door with double lock rod design, magnetic locks, electric door, more safety and reliable operation.  
 Can change at any time in the operation of the parameters without downtime.  
 Unique design of air exhaust temperature, low noise.  
 Automatic identification of 9.Turn.  
 Turned to use memory function, turned to the service life of the machine will alarm prompt, prevent the security hidden danger.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	24x0.2ml	18000rpm	18824xg
No.2 Angle Rotor	12x0.5ml	18000rpm	16297xg
No.3 Angle Rotor	24x0.5ml	18000rpm	23846xg
No.4 Angle Rotor	12x1.5ml/2.2ml	18000rpm	23198xg
No.5 Angle Rotor	24x1.5ml/2.2ml	14000rpm	14935xg
No.6 Angle Rotor	12x5ml	16000rpm	17459xg
No.7 Angle Rotor	12x7ml	14000rpm	16327xg
No.8 Angle Rotor	12x10ml	12000rpm	13363xg

Technical Parameters:	
Max Speed	18000rpm
Max RCF	23846xg
Max Capacity	24x1.5ml/2.2ml
Time Range	1min~99h99min59s
Noise	≤55dB
Power Supply	AC220V 50Hz 250W
Dimension	460x315x335mm (LxWxH)
Weight	29Kg



### MC3013

Benchtop High Speed Centrifuge

**Features:**

Microcomputer control, DC brushless motor, stable operation, low noise and high speed accuracy. Touching panel, programmable operation. The operation data can be set according to demands and stored automatically. LED or LCD display. user-friendly interface, simple and convenient operation. The real-time conversation of Speed and RCF is convenient for operation. It has self-locking device, over-speed safety device, and automatic alarm device, etc. It has 9 files of acceleration and deceleration lever for your choice. Application: MC3013 Benchtop high speed centrifuge is widely used in the field of clinical medicine, biochemistry, genetic engineering and immunology etc. It is the essential equipment for centrifugal separation used by hospitals, scientific research units and institutions of higher learning.



Technical Parameters:	
Max Speed	16500rpm
Max RCF	23669xg
Max Capacity	4x100ml
Time Range	1min~99min
Noise	≤65dB
Power Supply	AC220V 50Hz 10A
Dimension	330x420x280mm (LxWxH)
Weight	20Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x1.5ml/2.2ml	16500rpm	18930xg
No.2 Angle Rotor	10x5ml	13000rpm	11400xg
No.2 Angle Rotor	12x5ml	13000rpm	11400xg
No.3 Angle Rotor	12x10ml	12000rpm	14800xg
No.3 Angle Rotor	8x15ml	12000rpm	14800xg
No.4 Angle Rotor	6x50ml	12000rpm	13000xg
No.4 Angle Rotor	4x100ml	12000rpm	13000xg
No.5 Swing Rotor	4x10ml	6000rpm	3200xg
No.6 Swing Rotor	2x48holes	3000rpm	1400xg
No.7 Angle Rotor	24x1.5ml/2.2ml	13200rpm	16110xg
No.8 Angle Rotor	36x0.5ml	16000rpm	23669xg
No.8 Angle Rotor	48x0.5ml	16000rpm	23669xg
No.9 Angle Rotor	3x8x0.2ml PCR	15000rpm	13800xg



### MC3014

Benchtop High Speed Centrifuge

**Features:**

Microcomputer control, DC brushless motor, stable operation, low noise and high speed accuracy. Touching panel, programmable operation. The operation data can be set according to demand and stored automatically. LED or LCD display. user-friendly interface, simple and convenient operations. The real-time conversation of Speed and RCF is convenient for operation. It has self-locking device, over-speed safety device, and automatic alarm device, etc. Application: MC3014 Benchtop high speed centrifuge have the small size and low noise. It is the essential equipment of centrifugal separation used by hospitals, scientific research units and institutions for higher learning.



Technical Parameters:	
Max Speed	16000rpm
Max RCF	17800xg
Max Capacity	10x5ml
Time Range	1min~99min
Noise	≤65dB
Power Supply	AC220V 50Hz 5A
Dimension	230x310x240mm (LxWxH)
Weight	9Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x1.5ml/2.2ml	16000rpm	17800xg
No.2 Angle Rotor	10x5ml	13000rpm	11400xg
No.3 Angle Rotor	18x1.5ml/2.2ml	13200rpm	16110xg



### MC3015

Benchtop high speed centrifuge

**Features:**

The machine adopts brushless frequency conversion driving, liquid crystal display, stainless steel centrifugal chamber, electronic safe locks and protection for imbalance. Real-time timing. Rotors are recognized automatically. There are 9 levels of acceleration and deceleration for your choice. Operation parameters of instruments can be modified in operation. It is widely used in biochemistry, agricultural science, clinical medicine and other research, especially for those experiments which need small amount and high RCF.



Technical Parameters:	
Max Speed	16500rpm
Max RCF	19070xg
Max Capacity	4x100ml
Time Range	1min~99min
Noise	≤60dB
Power Supply	AC220V 50Hz 10A
Dimension	430x340x330mm (LxWxH)
Weight	25Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x1.5ml/2.2ml	16500rpm	19000xg
No.2 Angle Rotor	12x15ml	15000rpm	18270xg
No.3 Angle Rotor	24x1.5ml/2.2ml	13000rpm	16850xg
No.4 Angle Rotor	12x10ml	12000rpm	12900xg
No.5 Angle Rotor	6x50ml	12000rpm	15970xg
No.6 Angle Rotor	4x100ml	12000rpm	10640xg
No.7 Angle Rotor	6x10ml	16000rpm	19070xg
No.8 Angle Rotor	6x30ml	12000rpm	14900xg
No.9 Angle Rotor	4x0.2ml PCR 8 tube	13000rpm	17000xg



### MC3016

Benchtop high speed centrifuge

**Features:**

The machine adopts frequency conversion driving, liquid crystal display, stainless steel centrifugal chamber, electronic safe locks and protection for imbalance. Rotors are recognized automatically. It can store 9 operation procedures and there are 9 levels of acceleration and deceleration for your choice. It is widely used in biochemistry, agricultural science, clinical medicine, genetic engineering, protein nucleic acid and other research. Operation parameters of instruments can be modified in operation.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x1.5ml/2.2ml	20000rpm	27800xg
No.2 Angle Rotor	12x15ml	15000rpm	18270xg
No.3 Angle Rotor	24x1.5ml/2.2ml	13500rpm	18170xg
No.4 Angle Rotor	12x10ml	12500rpm	14000xg
No.5 Angle Rotor	6x50ml	12000rpm	15970xg
No.6 Angle Rotor	4x100ml	10000rpm	10640xg
No.7 Angle Rotor	6x10ml	16000rpm	19070xg
No.8 Angle Rotor	6x15ml	12000rpm	14520xg
No.9 Angle Rotor	4x0.2ml PCR 8 tube	13000rpm	17000xg

Technical Parameters:	
Max Speed	20000rpm
Max RCF	27800xg
Max Capacity	4x100ml
Time Range	1min~99min
Noise	≤60dB
Power Supply	AC220V 50Hz 10A
Dimension	430x340x330mm (LxWxH)
Weight	25Kg

# 04

## BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE

Benchtop High Speed Refrigerated Centrifuge is widely used in physical and chemistry analysis, biochemistry, cellular and molecular biology, clinical Labs and blood donation centers, and is ideal for high-end research applications. It can be used for separations of blood, chloroplast, proteins or lipids, hormone and virus in research institutes of biology, chemistry, medical, genetic for agronomy and hospital.



### MC4001

High Speed Refrigerated Micro-Centrifuge

**Features:**

High Speed Refrigerated Micro-Centrifuge, with AS24-2 aluminum alloy rotor kit 19400006 (package contain in the box). High speed micro-centrifuge range is widely used in physical and chemistry analysis, biochemistry, cellular and molecular biology, clinical Labs and blood donation centers, and is ideal for high-end research applications: Sedimentation of cells and viruses. Separation of sub-cellular organelles. Isolation of macromolecules such as DNA, RNA, proteins or lipid. Speed/RCF switch; Pulse operation; Processing display; Voice reminder.



Technical Parameters:	
Max Speed	15000rpm
Max RCF	21380xg
Max Capacity	24x2ml
Time Range	30s~99min-HOLD
Temperature Range	-20°C~+40°C
Noise	≤56dB
Power Supply	AC220V~240V/110V~120V 50Hz/60Hz 10A
Dimension	338x580x324mm (LxWxH)
Weight	30Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 AS18-5	18x5ml	15000rpm	21380xg
No.2 AS12-5V	12x5ml	15000rpm	21380xg
No.3 AS24-2	24x2ml/1.5ml	15000rpm	21380xg
No.4 AS36-05	36x0.5ml	15000rpm	21380xg
No.5 AS4-PCR8	4x0.2ml PCR8	15000rpm	21380xg



## MC4002

Micro High Speed Refrigerated Centrifuge

### Features:

One of China's smallest high-speed centrifuges, it can help save the limited room of the lab. With TFT true-color LCD widescreen touch monitor featured by intelligent control, touchable/push-button operation models for simultaneous control. Using a brushless motor with high torque and variable frequency. Standby and cool-down function to ensure constant refrigeration when the machine is in standby. With a dedicated key indicating the centrifugal force which has the inching function for momentary centrifugation. With a motor gate lock mute mechanical & electrical integration. Unique refrigeration system to ensure the temperature at the maximum rotation speed remain below 4°C. Able to provide 20 kinds of operating modes for the user to programme and use freely. With 10 levels for speed-up and speed-down control, the optimal speed-up and speed-down time is 25 seconds.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12×1.5/2.0ml	16500rpm	18780×g
No.2 Angle Rotor	24×1.5/2.0ml	13500rpm	17000×g

### Technical Parameters:

Max Speed	16500rpm
Max RCF	18780×g
Max Capacity	24×1.5/2.0ml
Time Range	0~99h59min
Temperature Range	-20 °C ~+40°C
Temperature Accuracy	±1°C
Noise	≤58dB
Power Supply	AC220V 50Hz
Dimension	680×350×300mm (L×W×H)
Weight	30Kg



## MC4003

Benchtop High-Speed Refrigerated Centrifuge

### Features:

Advanced Control System, Excellent separation.  
 10 kinds of Accel/Decel modes; User can set up the operate parameter by themselves, to achieve the best centrifugal result.  
 Short running function, easy to diversification of centrifugation.  
 Timing control, the centrifugal time can be free to choose minutes or seconds, to achieve optimal centrifugation.  
 High Safety, Ease of use.  
 Auto Rotor identification, no need to select rotor number, avoid to over-speed running, ensure safety.  
 Over temperature, over speed, door lid and imbalance switch off and other protection functions, with sound and light alarm, to ensure human and instrument security.  
 Steel body, Stainless steel chamber, Steel Protective sleeve, three damping structure, to prevent accidents.  
 Optional rotor with aerosol-tight lid, the rotor can be high temperature and high pressure sterilization, to prevent biological pollution.  
 Friendly Display, Humanity Operate.  
 LCD, LED multi-screen display, program group, Accel/Decel, RPM/ RCF, time, temperature and other parameters can be set without key combination, easy to operate;  
 Microprocessor control, operated data can be saved automatically, can start the instrument with RCF directly, 40 kinds of self-defining programs can be stored and recalled, reduce duplication of operation.  
 Good parts, Reliable and long-lasting.  
 Brushless frequency converter motor, super speed bearing and Freon-free compressor imported from Europe, high quality.



Technical Parameters:	
Max Speed	16600rpm
Max RCF	19200×g
Max Capacity	4×100ml
Time Range	1s~999min/999s
Temperature Range	-20 °C ~+40°C
Temperature Accuracy	±1°C
Noise	≤60dB
Power Supply	AC220V 50Hz 18A
Dimension	630×585×380mm (L×W×H)
Weight	90Kg



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12×1.5ml	16600rpm	19200×g
No.2 Angle Rotor	18×0.5ml	16600rpm	19200×g
No.3 Angle Rotor	24×1.5/2.0ml	13000rpm	16060×g
No.4 Angle Rotor	48×0.5ml	13000rpm	14700×g
No.5 Angle Rotor	4×8×0.2ml	12000rpm	14800×g
No.6 Angle Rotor	10×5ml	13000rpm	11500×g
No.7 Angle Rotor	12×10ml	12000rpm	14800×g
No.8 Angle Rotor	6×50ml	12000rpm	14800×g
No.9 Angle Rotor	8×15ml	10000rpm	9690×g
No.10 Angle Rotor	4×100ml	10000rpm	9690×g



## MC4004

Micro-refrigerated Centrifuge

### Features:

Microcomputer control, DC brushless motor, stable operation, low noise and high speed accuracy. Touching panel, programmable operation. The operation data can be set according to demands and stored automatically. LCD display, user-friendly interface, simple and convenient operation. The real-time conversation of Speed and RCF is convenient for operation. It has self-locking device, over-speed safety device, over-temperature safety device, imbalance safety device and automatic alarm device. It has 9 files of acceleration and deceleration level for your choice.



Technical Parameters:	
Max Speed	16500rpm
Max RCF	21532×g
Max Capacity	36×1.5ml/2.2ml
Time Range	1min~9h59min
Temperature Range	-20 °C ~+40°C
Temperature Accuracy	±1°C
Noise	≤65dB
Power Supply	AC220V 50Hz 10A
Dimension	280×540×300mm (L×W×H)
Weight	30Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12×1.5ml/2.2ml	16500rpm	18360×g
No.2 Angle Rotor	12×5ml	12000rpm	10142×g
No.3 Angle Rotor	24×1.5ml/2.2ml	15000rpm	21532×g
No.4 Angle Rotor	36×1.5ml/2.2ml	11000rpm	10790×g
No.5 Angle Rotor	48×0.5ml	12000rpm	10920×g
No.6 Angle Rotor	3×8×0.2ml PCR strip	15000rpm	13800×g
No.7 Angle Rotor	18×0.5ml	16000rpm	15300×g



### MC4005

Benchtop High Capacity Refrigerated Centrifuge

**Features:**

Microcomputer control, DC brushless motor, stable operation, low noise and high speed accuracy.  
 Touching panel, programmable operation. The operation data can be set according to demands and stored automatically.  
 LED or LCD display, user-friendly interface, simple and convenient operations.  
 The real-time conversation of Speed and RCF is convenient for operation.  
 It has self-locking device, over-speed safety device, over-temperature safety device, imbalance safety device and automatic alarm device.  
 It has 9 files of acceleration and deceleration for your choice.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x1.5ml/2.2ml	16000rpm	17800xg
No.2 Angle Rotor	24x1.5ml/2.2ml	13200rpm	16110xg
No.3 Angle Rotor	10x5ml	13000rpm	11400xg
No.3 Angle Rotor	12x5ml	13000rpm	11400xg
No.4 Swing Rotor	36x0.5ml	3000rpm	1400xg
No.5 Microplate Rotor	2x48holes	12000rpm	14300xg
No.5 Angle Rotor	48x0.5ml	12000rpm	14300xg
No.5 Angle Rotor	12x10ml	12000rpm	14300xg
No.5 Angle Rotor	8x15ml	12000rpm	14300xg
No.6 Angle Rotor	6x50ml	11000rpm	10950xg
No.7 Swing Rotor	4x10ml	6000rpm	3200xg

**Technical Parameters:**

Max Speed	16000rpm
Max RCF	17800xg
Max Capacity	6x50ml
Time Range	1min~9h59min
Temperature Range	-20 °C ~+40°C
Temperature Accuracy	±1°C
Noise	≤65dB
Power Supply	AC220V 50Hz 15A
Dimension	600x470x330mm (LxWxH)
Weight	50Kg



### MC4006

Benchtop High Speed refrigerated centrifuge

**Features:**

Free-maintenance big torque frequency conversion brushless motor, fast speed up , high precision, low noise.  
 Microcomputer control, intelligent interface, set the rise-fall speed gear freely, add up running time, display malfunction.  
 Import fluoride-free compressor, double loop refrigeration, strong heat exchange capability, high precision of temperature control, no environmental pollution.  
 Many kinds of automatic protection function of gate lid, over-speed and over-temperature, unbalance, ensure the security of the users.  
 Kinds of rotors are available for selection, multi-usage one machine, saving the cost of users effectively.  
 Using the flexible shaft driving system, stable operation, little vibration, low noise.  
 The fuselage is made of high quality steel structure, with stainless steel inner cavity, explosion protection steel inner sleeve, three layer of protection, ensure the safety of users.



**Technical Parameters:**

Max Speed	16500rpm
Max RCF	18900xg
Max Capacity	4x100ml
Time Range	1min~99min
Temperature Range	-10°C~35°C
Temperature Accuracy	±1°C
Noise	≤65dB
Power Supply	AC220V 50Hz 10A
Dimension	510x630x380mm (LxWxH)
Weight	85Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	12x1.5/2.2ml	16500rpm	18900xg
No.2 Swing Rotor	10x5ml	15000rpm	16300xg
No.3 Swing Rotor	24x1.5/2.2ml	13000rpm	15500xg
No.4 Swing Rotor	30x1.5/2.2ml	13000rpm	15100xg
No.5 Swing Rotor	48x0.5ml	13000rpm	15100xg
No.6 Swing Rotor	4x50ml	14000rpm	15600xg
No.7 Swing Rotor	12x10ml	12000rpm	14800xg
No.8 Swing Rotor	8x15ml	12000rpm	13200xg
No.9 Swing Rotor	6x30ml	12000rpm	14000xg
No.10 Swing Rotor	6x50ml	12000rpm	14800xg
No.11 Swing Rotor	4x100ml	12000rpm	15600xg
No.12 Microplate Rotor	2x2x48holes	3000rpm	3400xg



### MC4007

Benchtop High Speed refrigerated centrifuge

**Features:**

MC4007 applies to molecular biology, molecular chemistry and geneamp PCR. It has low-noise DC brushless motor and environmental compressor. When it reaches the highest speed, it can keep the temperature below -4°C. It can store 15 program for customers program freely.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12×1.5ml	16000rpm	17800×g
No.2 Swing Rotor	12×5ml	12000rpm	10142×g
No.3 Swing Rotor	24×1.5ml	15000rpm	21532×g
No.4 Swing Rotor	36×1.5ml	10000rpm	9178×g
No.5 Swing Rotor	48×0.5ml	11000rpm	13700×g
No.6 Swing Rotor	3×8×0.2ml PCR strip	15000rpm	13800×g
No.7 Swing Rotor	18×0.5ml	16000rpm	15300×g

Technical Parameters:	
Max Speed	16000rpm
Max RCF	21532×g
Max Capacity	12×5ml
Time Range	1min~99min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤57dB
Power Supply	AC220V 50Hz 10A
Dimension	350×630×300mm (L×W×H)
Weight	65Kg



### MC4008

Benchtop High-speed Refrigerated Centrifuge

**Features:**

Imported CFC-free compressor, two-cycle refrigeration, no pollution, high accuracy of temperature. The temperature can be controlled within -20°C~+40°C. Rotors can be pre-cooling in a stopped state.

Equipped with digital screen and touch panel, microprocessor control and brush-less AC frequency conversion motor without carbon dust pollution.

Eight different programs with the function of automatic storing the information.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12×1.5/2.2ml	24000rpm	47800×g
No.2 Angle Rotor	8×5ml	13000rpm	11400×g
No.3 Angle Rotor	12×10/15ml	12000rpm	14800×g
No.4 Angle Rotor	24×1.5/2.2ml	13500rpm	17000×g
No.5 Angle Rotor	18×0.5ml	13500rpm	17000×g
No.6 Angle Rotor	36×1.5/2.2ml	13500rpm	17600×g
No.7 Angle Rotor	6×50ml	11000rpm	12000×g
No.8 Angle Rotor	4×100ml	10000rpm	9800×g
No.9 Angle Rotor	2×2×48holes	4000rpm	1760×g
No.10 Angle Rotor	6×30ml	13000rpm	17000×g
No.11 Angle Rotor	6×15ml	13000rpm	15100×g
No.12 Angle Rotor	8×50ml	8000rpm	9800×g

Technical Parameters:	
Max Speed	16000rpm
Max RCF	17800×g
Max Capacity	4×100ml
Time Range	0~99min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤60dB
Power Supply	AC220V&110V 50/60Hz 18A
Dimension	610×622×360mm (L×W×H)
Weight	85Kg



### MC4009

Benchtop High-speed Refrigerated Centrifuge

**Features:**

Imported CFC-free compressor, two-cycle refrigeration, no pollution, high accuracy of temperature. The temperature can be controlled within -20°C~+40°C. Rotors can be pre-cooling in a stopped state. Equipped with LCD screen and touch panel, microprocessor control and brushless AC frequency conversion motor without carbon dust pollution. Eight different programs with the function of automatic storing the information.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x1.5/2.2ml	24000rpm	47800xg
No.2 Angle Rotor	8x5ml	13000rpm	11400xg
No.3 Angle Rotor	12x10/15ml	12000rpm	14800xg
No.4 Angle Rotor	24x1.5/2.2ml	13500rpm	17000xg
No.5 Angle Rotor	18x0.5ml	13500rpm	17000xg
No.6 Angle Rotor	36x1.5/2.2ml	13500rpm	17600xg
No.7 Angle Rotor	6x50ml	11000rpm	12000xg
No.8 Angle Rotor	4x100ml	10000rpm	9800xg
No.9 Microplate rotor	2x2x48holes	4000rpm	1760xg
No.10 Angle Rotor	6x30ml	13000rpm	17000xg
No.11 Angle Rotor	6x15ml	13000rpm	15100xg
No.12 Angle Rotor	8x50ml	8000rpm	9800xg

Technical Parameters:	
Max Speed	16000rpm
Max RCF	17800xg
Max Capacity	4x100ml
Time Range	0~99min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤60dB
Power Supply	AC220V&110V 50/60Hz 18A
Dimension	610x622x360mm (LxWxH)
Weight	85Kg



### MC4010

Benchtop High Speed Refrigerated Centrifuge

**Features:**

Brushless induction motor with frequency drive ensures gentle start. Reliable drive system. Very low noise level. Possibility of pre-cooling during standstill. CFCfree refrigeration system (refrigerant R134a). Lid can easily be opened due pneumatic spring support. Motorized lid lock. Special rotor connector which makes it easy to load and unload. Special tool for loading and unloading rotor. Coded rotor identification prevents the rotor from over speed. Stainless steel chamber. Imbalance switch. It cannot run with the open lid, neither open the lid when rotor runs. Manual emergency lid release (very useful in an unexpected power interruption). Produced according to national and international safety regulations (e.g. IEC 61010). ISO9001:2008, ISO13485, CE international standards are met.

Technical Parameters:	
Max Speed	20000rpm
Max RCF	27800xg
Max Capacity	4x100ml
Time Range	1min~90min59s
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±2°C
Noise	≤55dB
Power Supply	AC220V 50/60Hz 18A
Dimension	620x500x350mm (LxWxH)
Weight	70Kg



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x0.5ml	20000rpm	20380xg
No.2 Angle Rotor	12x1.5/2ml	20000rpm	27800xg
No.3 Angle Rotor	10x5ml	20000rpm	17780xg
No.4 Angle Rotor	24x1.5/2ml	16000rpm	23800xg
No.5 Angle Rotor	48x0.5ml	16000rpm	21900xg
No.6 Angle Rotor	12x10ml	15000rpm	19910xg
No.7 Angle Rotor	4x50ml	14000rpm	19100xg
No.8 Angle Rotor	6x50ml	13000rpm	18550xg
No.9 Angle Rotor	4x100ml	11000rpm	13280xg
No.10 Angle Rotor	12x15 ml	13000rpm	19495xg
No.11 Angle Rotor	10x15ml(conical)	13000rpm	19310xg
No.12 Microplate Rotor	2x2x48holes	4000rpm	1505xg
No.13 Angle Rotor	4x8x0.2ml	14000rpm	13500xg



### MC4011

High speed refrigerated centrifuge

**Features:**

MC4011 refrigerated centrifuge is melt housing, safe & compact, it is of microprocessor control, less noise and fast cooling. Brush-less frequency motor, free maintenance, no powder pollution, quick in speed up and down. The flexible axle driven system which drive the rotor directly, smooth in operation and small vibration. There are many rotors for your choice, suitable for different specifications meets customers' different requirements of separation. Digital display the RCF,time and speed. Auto-electric lid lock with insert alarm & over-speed protection.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	30x0.5ml	18000rpm	26660xg
No.2 Angle Rotor	40x0.5ml	15000rpm	22920xg
No.3 Angle Rotor	24x1.5/2ml	17000rpm	26460xg
No.4 Angle Rotor	12x1.5/2ml	21000rpm	28030xg
No.5 Angle Rotor	16x5ml	16000rpm	22020xg
No.7 Angle Rotor	12x7ml	16000rpm	21380xg
No.8 Angle Rotor	12x10ml	15000rpm	22680xg
No.9 Angle Rotor	8x20ml	15000rpm	22680xg
No.10 Angle Rotor	6x30ml	14000rpm	19060xg
No.11 Angle Rotor	6x50ml	12000rpm	16050xg
No.12 Angle Rotor	6x100ml	12000rpm	14850xg

**Technical Parameters:**

Max Speed	21000rpm
Max RCF	28030xg
Max Capacity	6x100ml
Time Range	1min~99min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤58dB
Power Supply	AC220V 50Hz 10A
Dimension	608x570x380mm (LxWxH)
Weight	83kg



**MC4012**

High speed refrigerated centrifuge

**Features:**

- Microcomputer control, LCD liquid crystal display (LCD).
- Driven by ac frequency conversion motor.
- Imported refrigeration compressor.
- 9 kinds of ascending and descending rate of choice.
- 10 kinds of custom work mode selection.
- Speed mutually establish/centrifugal force, synchronous display.
- Full steel structure, stainless steel centrifugal cavity.
- Can change at any time in the operation of the parameters, without downtime.
- Door with double lock rod design, magnetic locks, electric door, more safety and reliable operation.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	24x0.2ml	18000rpm	18824xg
No.2 Angle Rotor	12x0.5ml	18000rpm	16297xg
No.3 Angle Rotor	24x0.5ml	18000rpm	23846xg
No.4 Angle Rotor	12x1.5ml/2.2ml	18000rpm	23198xg
No.5 Angle Rotor	24x1.5ml/2.2ml	14000rpm	14935xg
No.6 Angle Rotor	12x5ml	16000rpm	17459xg
No.7 Angle Rotor	12x7ml	14000rpm	16327xg
No.8 Angle Rotor	12x10ml	12000rpm	13363xg
No.9 Angle Rotor	32x0.2ml	14000rpm	13367xg

Technical Parameters:	
Max Speed	18000rpm
Max RCF	23846xg
Max Capacity	12x10ml
Time Range	1min~99h99min59s
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±2°C
Noise	≤55dB
Power Supply	AC220V 50Hz 1.1KW
Dimension	540x520x430mm (LxWxH)
Weight	75Kg

# 05

## FLOOR TYPE LOW SPEED CENTRIFUGE

Floor Type Low Speed Centrifuge is with advanced technology and reliable performance. Large capacity swing rotor can process many samples at a time. This centrifuge is the preferred product in the fields of blood bank, pharmacy and biological products.





### MC5001

Large Capacity Refrigerated Centrifuge

**Features:**

The series is stable, not heavy, good compatibility, and can be equipped with large capacity ultra light rotor.  
 By the microcomputer control; AC variable frequency motor drive, no carbon pollution and long service life; low noise and vibration.  
 With a variety of rotors, it is convenient for users to choose.  
 By the large screen liquid crystal display, can store 40 groups of operation parameters.  
 Can be set the speed mode, provide speed, centrifugal force setting mode, with a dedicated key transform speed and RCF.  
 With speeding, over-temperature, unbalanced, self-locking door and other protection, to ensure personal safety.



**Technical Parameters:**

Max Speed	5500rpm
Max RCF	5330xg
Max Capacity	6x500ml
Time Range	1min~23h59min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±2°C
Noise	≤65dB
Power Supply	AC220V 50Hz 16A, 1.5KW
Dimension	820x625x910mm (LxWxH)
Weight	190Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	4x750ml	4000rpm	3580xg
No.2 Swing Rotor	120 Tubes Basket	4000rpm	3900xg
No.3 Microplate Rotor	4x2x96holes	4000rpm	3550xg
No.4 Swing Rotor	6x500ml	4000rpm	3890xg
No.5 Swing Rotor	4x500ml	4000rpm	3580xg
No.6 Swing Rotor	4x24x5ml	4000rpm	3580xg
No.7 Swing Rotor	6x250ml	4000rpm	3500xg
No.8 Swing Rotor	4x250ml	4000rpm	3500xg
No.9 Microplate Rotor	2x2x96holes	4000rpm	2300xg
No.10 Swing Rotor	8x50ml	4000rpm	2810xg
No.11 Swing Rotor	4x50/100ml	5000rpm	4390xg
No.12 Swing Rotor	32x15ml	4000rpm	2810xg
No.13 Swing Rotor	72x5ml	4000rpm	2830xg

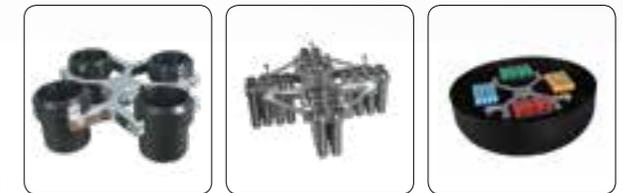


### MC5002

Floor Type low speed large capacity refrigerated centrifuge

**Features:**

Free-maintenance big torque frequency conversion brushless motor, fast speed up , high precision, low noise.  
 Microcomputer control, intelligent interface, set the rise-fall speed gear freely, add up running time, display malfunction.  
 Import fluoride-free compressor, double loop refrigeration, strong heat exchange capability, high precision of temperature control, no environmental pollution.  
 Many kinds of automatic protection function of gate lid, over-speed and over-temperature, unbalance, ensure the security of the users.  
 Kinds of rotors are available for selection, multi-usage one machine, saving the cost of users effectively.  
 Using the flexible shaft driving system, stable operation, little vibration, low noise.  
 The fuselage is made of high quality steel structure, with stainless steel inner cavity, explosion protection steel inner sleeve, three layer of protection, ensure the safety of users.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x10ml	5500rpm	4650xg
No.2 Swing Rotor	4x800ml	4000rpm	3450xg
No.3 Swing Rotor	6x100ml	4000rpm	3340xg
No.4 Swing Rotor	4x100ml	4000rpm	4390xg
No.5 Swing Rotor	32x15ml	4000rpm	2810xg
No.6 Swing Rotor	48x5/7ml Vacuum tube	4000rpm	2810xg
No.7 Swing Rotor	72x5/7ml Vacuum tube	4000rpm	2810xg
No.8 Swing Rotor	96x5/7ml Vacuum tube	4000rpm	3000xg
No.9 Swing Rotor	148x5/7ml Vacuum tube	4000rpm	3000xg
No.10 Swing Rotor	120x5/7ml Vacuum tube	4000rpm	3000xg
No.11 Swing Rotor	4x500ml	4000rpm	3500xg
No.12 Microplate Rotor	2x2x96holes	4000rpm	2840xg
No.13 Microplate Rotor	4x2x96holes	4000rpm	2300xg

**Technical Parameters:**

Max Speed	5500rpm
Max RCF	4650xg
Max Capacity	4x800ml
Time Range	1min~23h59min
Temperature Range	-10°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤65dB
Power Supply	AC220V 50Hz 15A
Dimension	710x650x1140mm (LxWxH)
Weight	180kg



### MC5003

Large Capacity Refrigerated Centrifuge

**Features:**

Microprocessor control, operated by touch panel, LED and LCD display, operated data can be saved automatically, RCF value can be set directly for working, easy to use. Brushless converter motor which has high torque, High speed bearing from Europe, smoothly running and maintenance-free. Multistage damping system, the freon-free compressor from Europe, low noise and slight vibration, green. Steel body, stainless steel centrifugal chamber, imports of key components, durable and easy to clean. Rotor identification system, over speed, over temperature, door interlock, unbalanced protection. The function of rotor service life calculation, ensure safety. Pre-cooling design for chamber, fast cooling. Proprietary SCT speed control design, fast acceleration and deceleration, high efficiency. Adjustable acceleration and deceleration from grade 0 to 9 or directly set the time of Accel/Decel, and can be store 40 kinds of self-defining operating models, to achieve the best centrifugal result. Hold-on and transient centrifuging, easy to diversification centrifugation. 5ml, 7ml, 10ml, 15ml, 30ml, 50ml and several kinds of adapters, meet the customer's multiple needs. Widely used in the field of radicalization immunity, biochemistry, pharmacy and so on. And especially in separation and purification of blood products, research and production.



Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	6x300ml	6000rpm	5650xg
No.2 Swing Rotor	6x500ml	6000rpm	6680xg
No.3 Swing Rotor	6x1000ml	4200rpm	5100xg

**Technical Parameters:**

Max Speed	6000rpm
Max RCF	6680xg
Max Capacity	6x1000ml
Time Range	1min~23h59min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤60dB
Power Supply	AC220V 50Hz 15A
Dimension	830x720x1250mm (LxWxH)
Weight	268Kg

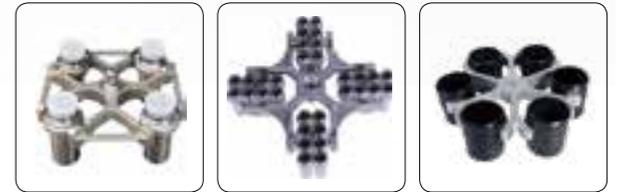


### MC5004

Floor Type Low-Speed Centrifuge  
The centrifuge can process a volume of up to 3 liters, offering a complete solution in separation of samples to be centrifuged for blood bank center, research labs, clinic, bio-technology, industry and hospitals.

**Features:**

Induction motor maintenance free. Controlled by microprocessor. Large screen, touch panel, shows rotor code, rpm, rcf, time etc. Lid open programmable, motorized. Lid dropping protection. Imbalance cut off. Manual emergency lid release(very useful in unexpected power interruption). Can't run when lid open, neither open the lid when rotor runs.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x15/10ml	5000rpm	4390xg
No.2 Swing Rotor	148x15/10ml	4000rpm	3000xg
No.3 Swing Rotor	4x100ml	4000rpm	2810xg
No.4 Swing Rotor	32x10/15ml	4000rpm	2810xg
No.5 Swing Rotor	48x5/7ml	4000rpm	2810xg
No.6 Swing Rotor	72x5/7ml	4000rpm	3400xg
No.7 Swing Rotor	4x250ml	4000rpm	2990xg
No.8 Swing Rotor	4x500ml	4000rpm	3600xg
No.9 Swing Rotor	4x500ml blood bag	4000rpm	3780xg
No.10 Swing Rotor	6x500ml	4000rpm	4390xg
No.11 Swing Rotor	4x750ml Bottle, with rotor cover, blood bag	4000rpm	3780xg

**Technical Parameters:**

Max Speed	5000rpm
Max RCF	4390xg
Max Capacity	4x750ml
Time Range	0~99min
Noise	≤65dB
Power Supply	AC220V & 110V 50Hz 5A
Dimension	800x600x825mm (LxWxH)
Weight	120Kg



### MC5005

High Capacity Refrigerated Centrifuge

**Features:**

With silent-block and shock absorbers that guarantees smooth and quiet operations without vibrations.  
 With user friendly control unit integrated in the front panel, screen in the centrifuge lid for external speed control.  
 Microprocessor digital control of all functions: speed, time, temperature, acceleration / deceleration, rcf, 30 programs memory, operation fault display.  
 Motorized lid locks. The lid can be opened by electronic lock or via manual operation in case of failure resulted from broken electronic lock.  
 Easy open the centrifuge lid via pneumatic springs; The lid is hinged on the right hand side of the centrifuge.  
 RPM/RCF adjustable along with the run and value calculating automatically.  
 Selective acceleration and deceleration rates ensure high quality separations.  
 The self-diagnostic system provides a protection for imbalance, over temperature / speed / voltage and electronic lock.  
 Swing-out rotor head, buckets and adapters made of high density material.  
 The centrifuge stands on movable castors.  
 ISO9001:2008, ISO13485, CE international standards are met.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	6x500ml	6000rpm	6880xg
No.2 Swing Rotor	6x1000ml	4200rpm	5180xg
No.3 Swing Rotor	6x1000ml(oval bucket)	4200rpm	5180xg

Technical Parameters:	
Max Speed	6000rpm
Max RCF	6880xg
Max Capacity	6x1000ml
Time Range	0~23h 59min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤58dB
Power Supply	AC220V 50Hz 30A
Dimension	860x730x1200mm (LxWxH)
Weight	240Kg



### MC5006

Low Speed Centrifuge

**Features:**

Induction motor maintenance free.  
 Controlled by microprocessor.  
 Minimum acceleration time.  
 Shown on the control head: rotor code, max rpm, max RCF avoiding exceeding the maximum speed.  
 Lid open programmable, motorized.  
 RPM/RCF adjustable along with the run.  
 Centrifugation chamber in stainless steel, guarding ring around chamber.  
 Lid dropping protection.  
 Imbalance cut off.  
 Manual emergency lid release (very useful in unexpected power interruption).  
 The centrifuge can't run with the lid open, neither open the lid when rotor runs.  
 Temperature probe inside the chamber of centrifugation, cooling gas R134a(libre cfc).



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x15ml/10ml	5000rpm	4620xg
No.2 Swing Rotor	4x100ml	5000rpm	3528xg
No.3 Swing Rotor	120x2ml	4000rpm	3585xg
No.4 Swing Rotor	6x500ml	4000rpm	3520xg
No.5 Swing Rotor	4x500ml	4000rpm	3520xg
No.5 Swing Rotor	120x5ml	4000rpm	3585xg
No.6 Swing Rotor	4x250ml	4000rpm	2990xg
No.7 Microplate Rotor	2x2x96holes	4000rpm	2390xg
No.8 Swing Rotor	48x5ml/2ml	4000rpm	2980xg
No.8 Swing Rotor	8x50ml	4000rpm	3040xg
No.9 Swing Rotor	80x5ml	4000rpm	3620xg
No.9 Swing Rotor	16x5ml	4000rpm	3520xg
No.10 Swing Rotor	148x5ml/2ml	4000rpm	3040xg
No.11 Swing Rotor	4x750ml	3500rpm	2990xg

Technical Parameters:	
Max Speed	5000rpm
Max RCF	4620xg
Max Capacity	6x500ml
Time Range	1min~ 99h59min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤58dB
Power Supply	AC220V 50Hz 20A
Dimension	630x750x900mm (LxWxH)
Weight	160Kg



### MC5007

High Capacity Refrigerated Centrifuge

**Features:**

The max capacity can be up to 6x1200ml.  
 It has micro-computer control, electronic lock and AC variable-conversion motor which delivers high torque.  
 Imported compressor unit with Non-CFC. refrigerant. It measures up to environmental standards.  
 The machine is programmable. The operation data can be stored automatically.  
 LCD or LED display and the he touching panel makes the operation easy.  
 The real-time conversation of Speed and RCF is convenient for operation.  
 It has self-locking device, over-speed safety device, over-temperature safety device, imbalance safety device and automatic alarm device.  
 It has 10 files of acceleration and deceleration level for your choice.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	6x500ml/400ml	6000rpm	6680xg
No.2 Swing Rotor	6x1200ml/1000ml	4200rpm	5100xg

Technical Parameters:	
Max Speed	6000rpm
Max RCF	6680xg
Max Capacity	6x1200ml
Time Range	1min~99h59min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤65dB
Power Supply	AC220V 50Hz 30A
Dimension	710x840x1140mm (LxWxH)
Weight	310Kg



### MC5008

High Capacity Refrigerated Centrifuge

**Application:**

MC5008 is developed for the requirement of high capacity. Large amount of sample can be processed at a time. It is the first choice for central blood station, pharmacy and bioengineering.

**Features:**

The max capacity can be up to 6x1200ml.  
 It has micro-computer control, electronic lock and AC variable-conversion motor which delivers high torque.  
 Imported compressor unit with Non-CFC. refrigerant. It measures up to environmental standards.  
 The machine is programmable. The operation data can be stored automatically.  
 MC5008 has LED display. The touching panel makes the operation easy.  
 The real-time conversation of Speed and RCF is convenient for operation.  
 It has self-locking device, over-speed safety device, over-temperature safety device, imbalance safety device and automatic alarm device.  
 It has 10 files of acceleration and deceleration level for your choice.



Technical Parameters:	
Max Speed	6000rpm
Max RCF	6680xg
Max Capacity	6x1200ml
Time Range	1min~99h59min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤65dB
Power Supply	AC220V 50Hz 30A
Dimension	710x840x1200mm (LxWxH)
Weight	320Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	6x500ml	6000rpm	6680xg
No.2 Swing Rotor	6x1200ml	4200rpm	5100xg



### MC5009

Floor Type low speed large capacity refrigerated centrifuge

**Features:**  
The machine adopts brushless frequency conversion driving, liquid crystal display, stainless steel centrifugal chamber, electronic safe locks and protection for imbalance. Real-time rotate speed and time are displayed over time. Operation parameters of instruments can be modified in operation. It can store 12 operation procedures and there are 19 levels of acceleration and deceleration for your choice. It is widely used in radio-immunity, biochemistry, blood products, environmental protection and other research and manufacturing institutions. Particles with different density in the solution can be separated.



Technical Parameters:	
Max Speed	5000rpm
Max RCF	5200xg
Max Capacity	4x750ml
Time Range	1min~99min
Noise	≤60dB
Power Supply	AC220V 50Hz 15A
Dimension	650x550x840mm (LxWxH)
Weight	135Kg

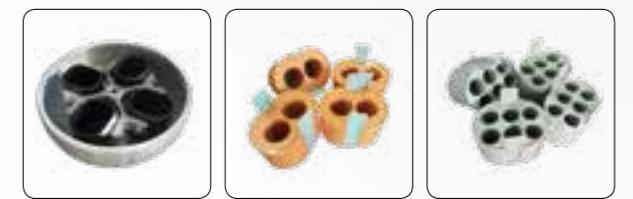
Rotor	Capacity	Max Speed	Max RCF
No.1 Horizontal rotor	4x100ml/4x50ml	5000rpm	4650xg
No.2 Horizontal rotor	8x50ml/8x100ml/24x1 5ml/32x15ml/48x7ml vacuum tube	4000rpm	2980xg
No.3 Horizontal rotor	4x250ml	5000rpm	5200xg
No.4 Microplate Rotor	2x2x96holes	4000rpm	1970xg
No.5 Swing Rotor	4x500ml	4000rpm	3400xg
No.6 Swing Rotor	4x750ml	4000rpm	3500xg
No.7 Swing Rotor	6x250ml	4000rpm	3580xg



### MC5010

Low speed refrigerated centrifuge

**Features:**  
Microcomputer control, LCD liquid crystal display (LCD).  
Driven by ac frequency conversion motor.  
Imported refrigeration compressor.  
9 kinds of ascending and descending rate of choice.  
10 kinds of custom work mode selection.  
Two optional timing mode: run start timing and timing starts to set speed, easy to switch.  
Mutually establish, synchronous display speed/centrifugal force.  
Full steel structure, stainless steel centrifugal cavity.  
Can change at any time in the operation of the parameters, without downtime.  
Centrifugal lay particular stress on tolerance up to 30 grams, no special load balancing.  
Door with double lock rod design, magnetic locks, electric door.  
Safety and reliable operation.



Technical Parameters:	
Max Speed	4000rpm
Max RCF	3309xg
Max Capacity	4x750ml
Time Range	1min~99h99min59s
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±2°C
Noise	≤56dB
Power Supply	AC220V 50Hz 2.0KW
Dimension	580x735x855mm (LxWxH)
Weight	130Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	4x750ml	4200rpm	3648xg
No.2 Microplate Rotor	4x96holes	4000rpm	2403xg

# 06

## FLOOR TYPE HIGH SPEED CENTRIFUGE

Floor Type High Speed Centrifuge is specially designed for users who require both high capacity and high speed. It is widely used in the field of clinical medicine, biological engineering, genetic engineering and pharmaceutical.



### MC6001

**Features:**

Microcomputer control; AC variable frequency motor; low noise; double loop refrigeration; equipped with a variety of rotors, user-friendly selection.  
 Easy to operate, with touch panel, digital display, programmable operation.  
 The machine is programmable, the real-time conversion of Speed and RCF is convenient for operation.  
 It has self-locking device, over-speed safety device, over-temperature safety device, imbalance safety device to ensure safety.



Technical Parameters:	
Max Speed	10000rpm
Max RCF	18300×g
Max Capacity	6×1000ml
Time Range	1min~23h59min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤65dB
Power Supply	AC220V 50Hz 30A
Dimension	710×840×1200mm (L×W×H)
Weight	280Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	6×300ml	10000rpm	18300×g
No.2 Angle Rotor	6×500ml	8000rpm	11620×g
No.3 Angle Rotor	6×1000ml	7000rpm	11500×g
No.4 Angle Rotor	4×1000ml	4000rpm	4050×g
No.5 Swing Rotor	6×1000ml	4200rpm	5100×g

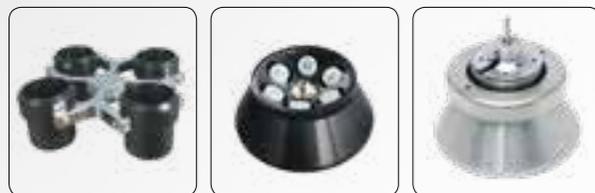


### MC6002

Floor Type High Speed Centrifuge

**Features:**

Free-maintenance big torque frequency conversion brushless motor, fast speed up, high precision, low noise.  
 Microcomputer control, intelligent interface, set the rise-fall speed gear freely, add up running time, display malfunction.  
 Import fluoride-free compressor, double loop refrigeration, strong heat exchange capability, high precision of temperature control, no environmental pollution.  
 Many kinds of automatic protection function of gate lid, over-speed and over-temperature, unbalance, ensure the security of the users.  
 Kinds of rotors are available for selection, multi-usage one machine, saving the cost of users effectively.  
 Using the flexible shaft driving system, stable operation, little vibration, low noise.  
 The fuselage is made of high quality steel structure, with stainless steel inner cavity, explosion protection steel inner sleeve, three layer of protection, ensure the safety of users.



**Technical Parameters:**

Max Speed	21000rpm
Max RCF	47400xg
Max Capacity	6x500ml
Time Range	0~23h59min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤65dB
Power Supply	AC220V 50Hz 30A
Dimension	980x950x1000mm (LxWxH)
Weight	260Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x10ml	21000rpm	47400xg
No.2 Angle Rotor	6x50ml	18000rpm	32900xg
No.3 Angle Rotor	8x30/20ml	18000rpm	32040xg
No.4 Angle Rotor	6x100ml	15000rpm	25500xg
No.5 Angle Rotor	8x100ml	12000rpm	19600xg
No.6 Angle Rotor	6x300ml	12000rpm	22470xg
No.7 Angle Rotor	6x500ml	9000rpm	14400xg
No.8 Continuous Flow Rotor	1000ml	17000rpm	31390xg
No.9 Continuous Flow Rotor	1200ml	12000rpm	19350xg
No.10 Continuous Flow Rotor	3000ml	10000rpm	14900xg
No.11 Swing Rotor	4x500ml	5000rpm	5470xg
No.12 Swing Rotor	4x750ml	4000rpm	2300xg
No.13 Swing Rotor	4x800ml	4000rpm	3450xg



### MC6003

High speed floor stand refrigerated centrifuge

**Features:**

Brushless frequency motor which in great torque, free maintenance, no powder pollution, quick in speed up and down.  
 The flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.  
 The door cover is independent motor servo, automatically closes the door, reduces the working strength of the operator, imbalance, over speed and ultra temperature automatic protection, easy to use.  
 Micro computer control system, display the temperature, time and speed. There are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.  
 The centrifuge body is made of high-quality steel, safe and reliable.  
 With a variety of rotor for choice, and according to test requirements of the design of various adapters.  
 Three damping, centrifugal effect to achieve the best.



**Technical Parameters:**

Max Speed	12000rpm
Max RCF	22650xg
Max Capacity	4x1000ml
Time Range	1min~99h59min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤55dB
Power Supply	AC220V 50Hz
Dimension	865x650x830mm (LxWxH)
Weight	215Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	6x300ml	12000rpm	22650xg
No.2 Angle Rotor	6x500ml	8000rpm	11740xg
No.3 Swing Rotor	4x1000ml	18000rpm	4060xg
No.4 Swing Rotor	4x500ml	4000rpm	3530xg
No.5 Microplate Rotor	4x4x96holes	4000rpm	2940xg



### MC6004

Floor-standing High Speed Refrigerated Centrifuge

**Features:**

MC6004 has the Max speed of 22000rpm. The Max RCF is 52000×g. It has micro-computer control, electronic lock and AC variable-conversion motor which delivers high torque. Imported compressor unit with Non-CFC. refrigerant. It measures up to environmental standards. The machine is programmable. The operation data can be stored automatically. LED or LCD display, touching panel makes the operation easy. The real-time conversation of Speed and RCF is convenient for operation. It has self-locking device, over-speed safety device, over-temperature safety device, imbalance safety device and automatic alarm device. It has 10 files of acceleration and deceleration level for your choice.



**Technical Parameters:**

Max Speed	22000rpm
Max RCF	52000×g
Max Capacity	6×600ml
Time Range	1min~99h59min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤65dB
Power Supply	AC220V 50Hz 30A
Dimension	710×840×1140mm (L×W×H)
Weight	280Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	36×1.5ml/2.2ml	22000rpm	52000×g
No.1 Angle Rotor	16×10ml	22000rpm	52000×g
No.1 Angle Rotor	16×5ml	22000rpm	52000×g
No.2 Angle Rotor	18×10ml	21000rpm	50400×g
No.3 Angle Rotor	6×50ml	20000rpm	43000×g
No.4 Angle Rotor	8×50ml	18000rpm	35047×g
No.5 Angle Rotor	12×20ml	16500rpm	31100×g
No.6 Angle Rotor	32×15ml	16000rpm	30940×g
No.7 Angle Rotor	6×70ml	15000rpm	25700×g
No.8 Angle Rotor	8×100ml/85ml	14000rpm	26952×g
No.9 Angle Rotor	6×250ml	12000rpm	22470×g
No.10 Angle Rotor	6×300ml	11000rpm	19650×g
No.11 Angle Rotor	6×500ml/400ml	9000rpm	14400×g
No.12 Angle Rotor	6×600ml	7000rpm	9100×g
No.13 Continuous Flow Rotor	3000ml	8000rpm	9500×g
No.14 Continuous Flow Rotor	1000ml	14000rpm	21500×g



### MC6005

Floor-standing High Speed Refrigerated Centrifuge

**Features:**

The max speed is 25000rpm, and Max RCF is 64983×g. It has micro-computer control, electronic lock and AC variable-conversion motor which delivers high torque. Imported compressor unit with Non-CFC. refrigerant. It measures up to environmental standards. The machine is programmable. The operation data can be stored automatically. MC6005 has LED display. Touching panel makes the operation easy. The real-time conversation of Speed and RCF is convenient for operation. It has self-locking device, over-speed safety device, over-temperature safety device, imbalance safety device and automatic alarm device. It has 10 files of acceleration and deceleration level for your choice.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	10×5ml	25000rpm	64983×g
No.1 Angle Rotor	24×1.5ml/2.2ml	25000rpm	64983×g
No.2 Angle Rotor	16×10ml	23000rpm	60900×g
No.3 Angle Rotor	8×50ml	18000rpm	40930×g
No.4 Angle Rotor	6×250ml	14000rpm	30200×g
No.5 Angle Rotor	6×500ml	10000rpm	17800×g
No.6 Angle Rotor	4×1000ml	7000rpm	9980×g
No.9 Continuous Flow Rotor	1000ml	14000rpm	21500×g
No.10 Continuous Flow Rotor	3000ml	8000rpm	9500×g
No.11 Continuous Flow Rotor	1000ml	16000rpm	28100×g
No.12 Continuous Flow Rotor	3000ml	10000rpm	14800×g

**Technical Parameters:**

Max Speed	25000rpm
Max RCF	64983×g
Max Capacity	4×1000ml
Time Range	1min~99h59min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤65dB
Power Supply	AC220V 50Hz 30A
Dimension	710×840×1200mm (L×W×H)
Weight	290Kg



### MC6006

High speed refrigerated centrifuge

**Features:**

- Microcomputer control, LCD liquid crystal display (LCD).
- Driven by ac frequency conversion motor.
- Imported refrigeration compressor.
- 9 kinds of ascending and descending rate of choice.
- 10 kinds of custom work mode selection.
- Speed/centrifugal force each other set, with the screen display.
- Two optional timing mode: run start timing and timing starts to set speed, easy to switch.
- Full steel structure, stainless steel centrifugal cavity.
- Can change at any time in the operation of the parameters, without downtime.
- Door with double lock rod design, magnetic locks, electric door, more safety and reliable operation.
- Automatic balance without balancing.
- Automatic identification of rotor.
- Turned to use memory function, turned to the service life of the machine will alarm after the prompt, to prevent potential safety hazard.

Technical Parameters:	
Max Speed	23000rpm
Max RCF	33097×g
Max Capacity	6×250ml
Time Range	1min~99h99min99s
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±2°C
Noise	≤55dB
Power Supply	AC220V 50Hz 2.2KW
Dimension	660×500×855mm (L×W×H)
Weight	120Kg



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	24×0.2ml	23000rpm	30735×g
No.2 Angle Rotor	12×0.5ml	23000rpm	26614×g
No.3 Angle Rotor	24×0.5ml	21000rpm	32458×g
No.4 Angle Rotor	12×1.5ml/2.2ml	21500rpm	33097×g
No.5 Angle Rotor	24×1.5ml/2.2ml	16000rpm	22810×g
No.6 Angle Rotor	12×5ml	16000rpm	17459×g
No.7 Angle Rotor	12×7ml	15000rpm	18743×g
No.8 Angle Rotor	5×15ml	12000rpm	14170×g
No.9 Angle Rotor	12×10ml	15000rpm	20880×g
No.10 Angle Rotor	6×50ml	12000rpm	16099×g
No.11 Angle Rotor	6×100ml	12000rpm	14645×g
No.12 Angle Rotor	6×250ml	8000rpm	9159×g
No.13 Angle Rotor	36×1.5ml/2.2ml	15000rpm	20376×g
No.14 Angle Rotor	32×0.2ml	18000rpm	22097×g
No.15 Angle Rotor	48×0.5ml	16000rpm	31482×g
No.16 Microplate Rotor	4×96holes	4000rpm	2344×g



## MC6007

Floor Type high speed refrigerated centrifuge

### Features:

The machine adopts frequency conversion driving, micro-computer control, liquid crystal display, electronic lock control and protection for imbalance. Rotors are recognized automatically. It can store 12 operation procedures and there are 19 levels of acceleration and deceleration for your choice. The refrigerating system uses imported compressors, CFC-free refrigerants, refrigerating/heating double loop, which make the machine highly efficient, heating and cooling fast and have small vibration. Operation parameters of instruments such as rotate speed/centrifugal force, time and temperature can be modified during operation. This machine is widely used in biology, medicine and clinical medicine and can play an important role in gene engineering as well as the research of protein nucleic acid. What's more, it is used in the research of structure and function study at the level of DNA, DNA chain reactions, gene fragments separation and germ protein recycling.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	12x1.5ml/2.2ml	18000rpm	22500xg
No.2 Angle Rotor	12x5ml	16000rpm	20790xg
No.3 Angle Rotor	24x1.5ml/2.2ml	15000rpm	21800xg
No.4 Angle Rotor	12x10ml	14000rpm	18110xg
No.5 Angle Rotor	6x50ml	12000rpm	15970xg
No.6 Angle Rotor	4x100ml	10000rpm	10640xg
No.7 Angle Rotor	6x10ml	16000rpm	19070xg
No.8 Angle Rotor	6x15ml	12000rpm	14520xg
No.9 Microplate Rotor	2x2x96holes	4000rpm	1970xg
No.10 Swing Rotor	4x250ml	4500rpm	3730xg

Technical Parameters:	
Max Speed	18000rpm
Max RCF	22500xg
Max Capacity	4x250ml
Time Range	1min~99h59min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤65dB
Power Supply	AC220V 50Hz 15A
Dimension	650x550x840mm (LxWxH)
Weight	160Kg



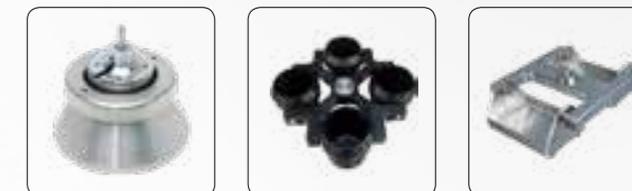
## MC6008

High Speed Refrigerated Centrifuge

The model can process a volume of up to 3 liters, offering a complete solution in the preparation of samples for research labs, clinic, bio-technologic, industrial and hospitals.

### Features:

With silent-block and shock absorbers that guarantees smooth and quiet operations without vibrations. With user friendly control unit integrated in the front panel, screen in the centrifuge lid for external speed control. Microprocessor digital control of all functions: speed, time, temperature, acceleration / deceleration, RCF, 30 program memory, operation fault display. Motorized lid locks. The lid can be opened by electronic lock or via manual operation. In case of failure resulted from broken electronic lock. Easy to open the centrifuge lid via pneumatic springs. RPM/RCF adjustable along with the run and value calculating automatically. Selective acceleration and deceleration rates ensure high-quality separations. The self-diagnostic system provides a protection for imbalance, over temperature / speed / voltage and electronic lock. Swing-out rotor head, buckets and adapters made of high-density material. The centrifuge stands on movable castors. ISO9001:2008, ISO13485, CE international standards are met.



Rotor	Capacity	Max Speed	Max RCF
No.1 Angle Rotor	16x10ml	21000rpm	47400xg
No.2 Angle Rotor	6x50ml	20000rpm	43000xg
No.3 Angle Rotor	8x50ml	18000rpm	38200xg
No.4 Angle Rotor	6x70ml	15000rpm	25700xg
No.5 Angle Rotor	8x100ml	12000rpm	19830xg
No.6 Angle Rotor	4x300ml	14000rpm	28150xg
No.7 Angle Rotor	6x300ml	12000rpm	22600xg
No.8 Angle Rotor	6x500ml	10000rpm	18705xg
No.9 Angle Rotor	6x250ml	12000rpm	22800xg
No.10 Continuous Flow Rotor	1000ml	14000rpm	21500xg
No.11 Continuous Flow Rotor	1000ml	16000rpm	28200xg
No.12 Continuous Flow Rotor	3000ml	8000rpm	9530xg
No.13 Continuous Flow Rotor	3000ml	10000rpm	14800xg
No.14 Angle Rotor	4x30ml	13000rpm	23800xg
No.15 Angle Rotor	4x4x5ml	12000rpm	11900xg
No.16 Angle Rotor	4x50ml	10000rpm	16200xg
No.17 Angle Rotor	4x500ml	4000rpm	4620xg
No.18 Microplate Rotor	4x2x96holes	4000rpm	2200xg

Technical Parameters:	
Max Speed	21000rpm
Max RCF	47400xg
Max Capacity	6x500ml
Time Range	1min~99h59min
Temperature Range	-20°C ~+40°C
Temperature Accuracy	±1°C
Noise	≤65dB
Power Supply	AC220V 50Hz 30A
Dimension	860x730x1200mm (LxWxH)
Weight	220Kg

07

## MINI CENTRIFUGE

Mini Centrifuge is ideal for quick spin downs, micro-filter cell separations, PCR and HPLC samples. It is compact and easy to use and comes as standard with a variety of centrifugal rotors. It is more significantly in the genetic, protein & nucleic acid, PCR products field for experimental research.



Technical Parameters:	
Max Speed	7000rpm(MC7001)/5000rpm(MC7001E)
Max RCF	2680xg/1360xg
Max Capacity	8x2ml/1.5ml
Time Range	Continuous
Noise	≤45dB
Power Supply	AC110V~240V 50Hz/60Hz
Dimension	150x150x117mm (LxWxH)
Weight	0.5Kg



### MC7001(E)

Palm Micro Centrifuge

#### Features:

MC7001(E) Mini Centrifuge with blue lid, including two rotors A08-2 & A02-PCR8 and both adapter SA02P2 & SA05P2(package contain in the box). Ideal for microfiltration and quick spin-downs. Easy-to-use with dual start/stop function. 7000rpm fixed speed. Equipped with 8x2ml and 2xPCR8 rotors. Quiet running, noise level ≤45 dB. Rotor change without tools. Accelerates and brakes in seconds. Four colors with green, blue, yellow and pink.



Rotor	Capacity	Max Speed	Max RCF
No.1 A08-2 Plastic rotor	8x2ml/1.5ml	7000rpm(MC7001)/5000rpm (MC7001E)	2680xg(MC7001)/1360xg(MC7001E)
No.2 A02-PCR8 Plastic rotor	2x0.2ml PCR8	7000rpm(MC7001)/5000rpm (MC7001E)	2680xg(MC7001)/1360xg(MC7001E)



**MC7002**

High Speed Mini Centrifuge (CE marked), with A12-2P plastic rotor kit, select 19400010,(package contain in the box).

**Additional features:** Speed/RCF switch, Pulse operation, Processing display, Voice reminder.



Technical Parameters:	
Max Speed	15000rpm
Max RCF	15100×g
Max Capacity	12×2ml
Time Range	30s~99min-HOLD
Noise	≤54dB
Power Supply	AC110V~240V 50Hz/60Hz 3A
Dimension	255×245×140mm (L×W×H)
Weight	6Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 A12-2P Plastic rotor	12×2ml	15000rpm	15100×g
Adapter: A02P2	2ml to 0.2ml rotor adapter		
Adapter: A05P2	2ml to 0.5ml rotor adapter		



**MC7003**

Micro-plate Mini-Centrifuge

**Features:**

This micro-plate mini-centrifuge is small, economic and it is the first instantaneous centrifuge in China with a design of 96 micro-plates. There is a lot of micro plate centrifuges in the market. Many of which takes up a lot of space in the labs. Our mini-centrifuge has a unique small design with dimensions of 210×190mm. With this product, the micro-plate is designed to be inserted into the centrifuge rotor from the top.

The liquid will stay at the bottom of the micro plate because of the surface tension effect which prevents from any type of leakage. By pressing the button at the front, the rotor speed will immediately max out at 2500 rpm per minute. Upon release of the button, the rotor speed will stop.

Technical Parameters:	
Max Speed	2500rpm
Max RCF	500×g
Max Capacity	2 pieces of 96 PCR plate
Time Range	Continuous
Power Supply	AC110V~240V 50Hz/60H
Dimension	210×190×190mm (L×W×H)
Weight	3Kg



### MC7004

Palm Micro Centrifuge

**Application:**

Palm Micro Centrifuge is widely used for low speed and medium speed centrifugation in life science, and it is an essential prerequisite for experiment to apply micro tube precipitation or centrifugation in routine experiments of life sciences. This centrifuge can be used as a special centrifuge for isotopes to reduce the pollution opportunity of other high speed centrifuge.

**Features:**

Full mold super injection molding, with a variety of centrifugal rotor for 1.5ml, 0.5ml, 0.2ml centrifuge tube, easy-to-use (close the lid to start, open the lid to stop) Full transparent arch cover, Multi-rotor equipped.

Technical Parameters:	
Max Speed	3000rpm
Max Capacity	6×1.5ml
Time Range	Continuous
Power Supply	AC110V~240V 50Hz/60Hz, 30W
Dimension	210×190×190mm (L×W×H)
Weight	1Kg



### MC7005

Palm Micro Centrifuge

**Application:**

Palm Micro Centrifuge is widely used for low speed and medium speed centrifugation in life science, and it is an essential prerequisite for experiment to apply micro tube precipitation or centrifugation in routine experiments of life sciences. This centrifuge can be used as a special centrifuge for isotopes to reduce the pollution opportunity of other high speed centrifuge. This Centrifuge also provides 0.2ml×8-tube rotor for gene amplification experiments.

**Features:**

Full mold super injection molding, with a variety of centrifugal rotor for 1.5ml, 0.5ml, 0.2ml centrifuge tube, easy-to-use (close the lid to start, open the lid to stop) Full transparent arch cover, Multi-rotor equipped

Technical Parameters:	
Max Speed	10000rpm
Max Capacity	6×1.5ml
Time Range	Continuous
Power Supply	AC110V~240V 50Hz/60Hz, 30W
Dimension	185×160×120mm (L×W×H)
Weight	1Kg



**MC7006**

Palm Micro Centrifuge

**Application:**  
 Palm Micro Centrifuge is widely used for low speed and medium speed centrifugation in life science, and it is an essential prerequisite for experiment to apply micro tube precipitation or centrifugation in routine experiments of life sciences. This centrifuge can be used as a special centrifuge for isotopes to reduce the pollution opportunity of other high speed centrifuge. This Centrifuge also provides 0.2ml×8-tube rotor for gene amplification experiments.  
**Features:** Full mold super injection molding, with a variety of centrifugal rotor for 1.5ml, 0.5ml, 0.2ml centrifuge tube, easy-to-use (close the lid to start, open the lid to stop) Full transparent arch cover, Multi-rotor equipped.

Technical Parameters:	
Max Speed	6000rpm
Max Capacity	8×1.5ml
Time Range	Continuous
Power Supply	AC110V~240V 50Hz/60Hz, 30W
Dimension	165×152×115mm (L×W×H)
Weight	1Kg



**MC7007**

Palm Micro Centrifuge

**Application:**  
 Palm Micro Centrifuge is widely used for low speed and medium speed centrifugation in life science, and it is an essential prerequisite for experiment to apply micro tube precipitation or centrifugation in routine experiments of life sciences. This centrifuge can be used as a special centrifuge for isotopes to reduce the pollution opportunity of other high speed centrifuge. This Centrifuge also provides 0.2ml×8-tube rotor for gene amplification experiments.  
**Features:** Full mold super injection molding, with a variety of centrifugal rotor for 1.5ml, 0.5ml, 0.2ml centrifuge tube, easy-to-use (close the lid to start, open the lid to stop) Full transparent arch cover, Multi-rotor equipped.

Technical Parameters:	
Max Speed	12000rpm
Max Capacity	8×1.5ml
Time Range	Continuous
Power Supply	AC110V~240V 50Hz/60Hz, 30W
Dimension	165×152×115mm (L×W×H)
Weight	1Kg

## MC7008

Palm Micro Centrifuge

### Application:

Palm Micro Centrifuge is widely used for low speed and medium speed centrifugation in life science, and it is an essential prerequisite for experiment to apply micro tube precipitation or centrifugation in routine experiments of life sciences. This centrifuge can be used as a special centrifuge for isotopes to reduce the pollution opportunity of other high speed centrifuge. This Centrifuge also provides 0.2mlx8-tube rotor for gene amplification experiments.

### Features:

Full mold super injection molding, with a variety of centrifugal rotor for 1.5ml, 0.5ml, 0.2ml centrifuge tube, easy-to-use (close the lid to start, open the lid to stop) Full transparent arch cover, Multi-rotor equipped. Special new design centrifuge rotor with 0.2mlx8x4 PCR. Standard configuration micro - centrifuge rotor with 1.5/2mlx8. Standard configuration rotor adapter with 0.5 mlx8 and 0.2mlx8. Special design click mechanism that is easy to insert and switch the centrifuge rotor, no need for any other tools. Fashionable and small by design and a space savor. Design philosophy is strong and long - lasting with many years of experience in manufacturing the mini-centrifuges, guarantee durability and high quality. Design to fit many different kinds of micro-centrifuge tubes, upon closing, the rotor starts and the rotor will stop once the cover is opened, easy to operate. Configuration: 1.5/2mlx8 micro - centrifuge tube rotor; 0.2mlx8x4 PCR rotor; 0.5x8 adapter and 0.2x8 adapter.



### Technical Parameters:

Max Speed	8000rpm
Max RCF	3000xg
Max Capacity	8x1.5ml
Time Range	Continuous
Power Supply	AC110V~240V 50Hz/60Hz, 30W
Dimension	165x152x115mm (LxWxH)
Weight	1Kg



## MC7009

Palm Micro Centrifuge

### Features:

The MC7009 is designed to dry two DNA Micro-array slides. The slides will spin at around 480 grams to extract the water by g- force hybridization. The slide surface where DNA arrays are printed is firmly harbored without touching the holder. The expunged moisture stays at the bottom of the holder and no splurge back happens because of g-force. To use the accessory provided with this product, the rotor speed goes up to 3500 rpm to generate 480 grams of centrifuge force. It takes about 10 minutes to dry the slides. Chip-Mate mini-slide is easy to use without any use of knobs to set or buttons to press. The rotor will start upon closing of the lid and the rotor will shut down once the lid is opened up. The rotor stops promptly when the lid is opened up to avoid possible injury to moving parts. If a less direct stop is required, immediately push the stop tab and leave the lid closed until the rotor comes to a smooth stop. It is dependable and designed with the durability in mind. It has components for assisted stop tabs, strong joint support and a wide base for strong balance. High quality, fashionable and small by design. Centrifuge will start immediately and is safe to use. Dries two DNA Micro-array slides in 10 seconds. Slide surface protection. No splashing back of the moisture.

### Technical Parameters:

Max Speed	3500rpm
Max RCF	310~690xg
Max Capacity	2 Slides
Time Range	Continuous
Power Supply	AC110V~240V 50Hz/60Hz, 30W
Dimension	155x175x125mm (LxWxH)
Weight	1Kg



### MC7010

Palm Micro Centrifuge

**Features:**

Palm Micro Centrifuge is widely used for low speed and medium speed centrifugation in life science, and it is an essential prerequisite for experiment to apply micro tube precipitation or centrifugation in routine experiments of life sciences. This centrifuge can be used as a special centrifuge for isotopes to reduce the pollution opportunity of other high speed centrifuge. This Centrifuge also provides 0.2mlx8-tube rotor for gene amplification experiments.

**Features:**

Full mold super injection molding, with a variety of centrifugal rotor for 1.5ml, 0.5ml, 0.2ml centrifuge tube, easy-to-use (close the lid to start, open the lid to stop). Full transparent arch cover, Multi-rotor equipped.

Technical Parameters:	
Max Speed	12000rpm (adjustable)
Max Capacity	8x1.5ml
Time Range	Continuous
Power Supply	AC110V~240V 50Hz/60Hz, 30W
Dimension	165x152x115mm (LxWxH)
Weight	1Kg



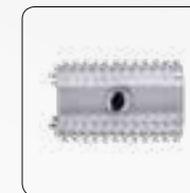
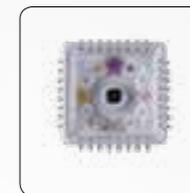
### MC7011

Micro centrifuge

MC7011 Micro centrifuge is perfect for quick spin downs, the Multi-Rotor can be placed 12 micro tubes and /or 4(8x0.2ml) PCR strips and the Strip-Rotor can be placed 4(12x0.2ml) PCR strips. The Max speed can be reach 12000rpm. The MC7011 Micro centrifuge is a personal centrifuge with unmatched capacity and flexibility.

**Features:**

- Time from 1s~999min.
- Multi-Rotor for tubes and Strips.
- LCD display of time and speed.
- Double capacity of mini centrifuge.
- Adjustable speed from 1000rpm-12000rpm.



Technical Parameters:	
Max Speed	12000rpm
Max Capacity	12x1.5ml/2ml
Time Range	1s~999min
Power Supply	AC100~250V 50~60Hz, 30W
Dimension	320x330x180mm (LxWxH)
Weight	1.5Kg



**MC7012**

Mini High Speed Centrifuge

**Features:**

- Extremely compact with exceptionally small footprint.
- 12x1.5/2.0 ml capacity rotor.
- Spin up to 14500 rpm , 14100xg.
- Deceleration and acceleration of <13 s.
- Clear, easy-to-use digital display of time and speed.
- Remarkably quiet operation Metal rotor.
- Conform to IEC 1010-2-020 safety regulations.
- Separate Short Spin button for fast, convenient quick spins.
- Excellent air-flow minimizes heating—protects temperature-sensitive samples.
- Lid automatically opens at the end of the run to reduce handling time.
- Maintenance-free drive.
- Rotor is auto clavable at 121°C, 20 min.
- Chemical resistant inner centrifuge lid.

Technical Parameters:	
Max Speed	13400rpm
Max RCF	12100xg
Max Capacity	12x1.5ml/2ml
Time Range	15s~9min
Power Supply	AC110~230V 50~60Hz, 30W
Dimension	260x260x150mm (LxWxH)
Weight	4.3Kg

**08**

**SPECIAL CENTRIFUGE**

Special Centrifuge is designed for hematology, blood type routine testing, red blood cell washing, micro-column gel immunoassay testing, vacuum blood collection tubes decapping, etc.





**MC8001**

Hematocrit Centrifuge

**Features:**

- Speed range of 200~14000rpm, max RCF 18260×g.
- Two rotors, hematocrit rotor with max capacity 24 capillary tubes and 2ml×24 rotor.
- Precise control speed and time with efficient separation.
- Conforms to international safety standards and regulations.
- Clinical centrifuges have passed the explosion-proof test and marked with CE, cTUVus and FCC. MCA test according to IEC/EN61010-2-20 including explosion-proof and bio-safe tests.
- Passed EN61010-2-101:2002 particular requirements for in vitro diagnostic (IVD) medical equipment.
- High strength plastic rotor and excellent balance technology to guarantee a quiet and stable operation.
- Dual protection casing provides safe and reliable running.
- Brushless motor drive quickly and effortlessly accelerates the rotor to set speed.
- Precise control.
- CPU controls all operating parameters including speed and time.
- High accuracy of speed, excellent performance.
- Operation can be timed from 30 seconds to 99 minutes or continuous running.

- Timer commences once the set speed is reached, so the separation time is more accurate.
- Gentle braking at low speeds with efficient separation.
- Ergonomic design.
- User-friendly large LCD display show all information.
- RPM or G-force can be set and displayed.
- Parameters can be modified after the set speed is reached.
- Quick spins are possible by pressing and holding PULSE key. The centrifuge speed can be accelerated and held at the target speed.
- Automatic release the lid when operation has stopped to save processing time.
- Easy-to-read processing display and sound alert.

**Technical Parameters:**

Max Speed	12000rpm
Max RCF	13680×g
Max Capacity	24×Capillary tubes
Time Range	30s~99min-HOLD
Noise	≤60dB
Power Supply	AC100V~240V 50Hz/60Hz 5A
Dimension	280×364×266mm (L×W×H)
Weight	12Kg



Rotor	Capacity	Max Speed	Max RCF
No.1 AC24	24×Capillary tubes	12000rpm	18624×g
No.2 A24-2P	24×2ml/1.5ml	14000rpm	18624×g
	Adapter: A02P2 2ml to 0.2ml rotor adapter		
	Adapter: A05P2 2ml to 0.5ml rotor adapter		





### MC8002

Automatic Uncovering Centrifuge

**Features:**

The design of the whole machine is in line with the ergonomics, with streamlining sculpt, better looking and more efficient. Microcomputer-controlled, with a TFT true-color LCD widescreen touch monitor and digital indicator to meet different customers requirements. With a complete steel structure and a stainless steel centrifuge cavity, it is sturdy and durable. Variable-frequency brushless motor that is maintenance and dust-free to achieve quite and clean operation 10 levels for speed-up and speed-down control. With a motor gate lock mute mechanical & electrical integration. Can store 20 user programmes.



Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	48x7/5ml Blood Tubes	4000rpm	3780xg
No.2 Swing Rotor	76x7/5ml Blood Tubes	4000rpm	3780xg

Technical Parameters:	
Max Speed	4000rpm
Max RCF	3780xg
Max Capacity	76x5/7ml Blood Tubes
Time Range	0~99h59min
Noise	≤65dB
Power Supply	AC220V 50Hz, 800W
Dimension	630x500x420mm (LxWxH)
Weight	50Kg



### MC8003

Blood Centrifuge

**Features:**

Blood centrifuge is a test for blood group serology, blood type routine test, micro surgery Gel, erythrocyte washing and immunoassay development dedicated centrifuge. Set a variety of different test procedures, control precision, easy to use.



Rotor name	Program	RCF(xg)	Time(s)	Applications
SERO rotor	1	500	60	Blood determination, hemagglutination reflect observed.
	2	1000	15	Cross-suitability experiment, engage ball prime experiment.
	3	1000	60	The extraction of the blood cell washing, serum, plasma.
HLS rotor	4	2000	180	Lymphocytes were isolated, cultured cell separation.
	5	1000	3	Removal of platelets (thrombin).
	6	1000	60	Lymphocyte cleaning.
Blood type card rotor	7	2500	-	6 and 8 associated column the micro blood type card, 24 cards.

Technical Parameters:	
Max Speed	4000rpm
Max RCF	2500xg
Time Range	0~99h59min
Noise	≤65dB
Power Supply	AC220V 50Hz, 200W
Dimension	500x450x280mm (LxWxH)
Weight	20Kg



**MC8004**

Microhematocrit Centrifuge

**Features:**  
MC8004 Microhematocrit Centrifuge is mainly used to determine the value of blood cell in the blood. It can separate blood from solution.

**Features:**  
Microcomputer control, brushless DC motor, stable operation, low noise, high speed accuracy.  
Touch panel, programmable operation, operation data can be stored automatically.  
LED display, user-friendly interface, simple and convenient operation  
The real-time conversation of Speed and RCF is convenient for operation.  
It has self-locking device, over-speed safety device, and automatic alarm device, etc.



Technical Parameters:	
Max Speed	12000rpm
Max RCF	13500xg
Max Capacity	24xCapillary tubes
Time Range	1min~99min
Noise	≤65dB
Power Supply	AC220V 50Hz 5A
Dimension	230x310x240mm (LxWxH)
Weight	9Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Rotor	24xCapillary tubes	12000rpm	13500xg
No.2 Rotor	12xCapillary tubes	12000rpm	13500xg

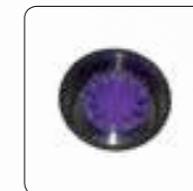


**MC8005**

Cytocentrifuge

It is controlled by microprocessor, equipped with Brushless DC motor, digital and low noise. It can be used to take erythrocyte-serum test, identify antigens and antibodies, and give other relative tests in immune hematology examination and research laboratories.

**Features:**  
Microcomputer control, brushless DC motor, running low noise, high speed accuracy.  
Automatic balance, with large capacity centrifugal cavity, the temperature rise is small.  
Digital display, user-friendly interface, the operation more convenient.  
Equipped with electronic door locks, door cover protection, speeding, unbalance and other protection; fault automatic alarm recognition, safe and reliable.  
5 minutes can be 12 specimens, simple operation, no pollution, cell smear uniform, clear background.



Technical Parameters:	
Max Speed	2200rpm
Max RCF	890xg
Max Capacity	12xSamples
Time Range	1min~99min
Noise	≤55dB
Power Supply	AC220V 50Hz 5A, 200W
Dimension	540x440x300mm (LxWxH)
Weight	22Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Swing Rotor	12 pcs cups	2200rpm	890xg
No.2 Swing Rotor	12 pcs cups	2200rpm	890xg



### MC8006

Hematocrit Centrifuge

Hematocrit centrifuge is primarily used to determine the percentage by volume of erythrocytes (red blood cells) in blood. In this procedure blood is centrifuged in haematocrit capillaries until the maximum cell packing density is reached.

When centrifugation is complete the haematocrit value can be read by a special evaluation reader card. MC8006 with 24-capillaries rotor provides reliable support for the determination of the haematocrit value.

**Features:**

- Brushless induction motor with frequency drive ensures gentle start.
- Reliable drive system.
- Very low noise level.
- Motorized lid locks.
- Special rotor connector which makes it easy to load and unload rotor.
- Special tool for loading and unloading rotor.
- Stainless steel chamber.
- It cannot run with the open lid, neither open the lid when rotor runs.
- Manual emergency lid release (very useful in an unexpected power interruption).
- Produced according to national and international safety regulations (e.g. IEC 61010).
- ISO9001:2008, ISO13485 CE international standards are met.



Rotor	Capacity	Max Speed	Max RCF
No.1 Rotor	24xCapillary tubes	12000rpm	14800xg

Technical Parameters:	
Max Speed	12000rpm
Max RCF	14800xg
Max Capacity	24xCapillary tubes
Time Range	1min~99min59s
Noise	≤55dB
Power Supply	AC220V 50Hz 5A
Dimension	400x350x340mm (LxWxH)
Weight	26Kg



### MC8007

Micro hematocrit centrifuge

**Features:**

- This unit is designed for flexibility and ease to use in the laboratory, hospital and blood bank.
- Brushless frequency motor for model MC8007, free maintenance, no powder pollution, quick in speed up and down.
- Emergency lid opening switch, rubber fastenings, small vibration and vibration-free operation.
- There are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.
- Micro computer control system, LCD display the RCF, time and speed.
- 12 capillaries and 24 capillaries rotors for your choice.
- Safety shut-off switch in lid, compact design, super speed and imbalance protection.
- The centrifuge body is made of high-quality steel, very safe.



Technical Parameters:	
Max Speed	12000rpm
Max RCF	15800xg
Max Capacity	24xCapillary tubes
Time Range	0~ 99min
Noise	≤55dB
Power Supply	AC220V 50Hz
Dimension	355x270x205mm (LxWxH)
Weight	14Kg

Rotor	Capacity	Max Speed	Max RCF
No.1 Rotor	12xCapillary tubes	12000rpm	14800xg
No.2 Rotor	24xCapillary tubes	12000rpm	15800xg



## MC8008

Celling washing centrifuge

### Features:

The machine adopts frequency conversion driving, digital display.  
 All-steel body, stainless steel centrifugal chamber.  
 Electronic lid locks to protect and ensure the safety.  
 Specifically for red blood and lymphocyte washing.  
 It need 7s for acceleration and deceleration.  
 RCF can be directly set up and display, without RPM / RCF translated.  
 Speed, RCF, time parameters of instruments can be modified during operation.



Rotor	Capacity	Max Speed	Max RCF
No.1 Red blood cell cleaning SERO Rotor	12x7ml	4000rpm	1800xg
No.2 The lymphocyte cleaning HLS rotor Rotor	12x0.5ml/1.5ml/2ml	4700rpm	1800xg

### Technical Parameters:

Max Speed	4700rpm
Max RCF	2000xg
Max Capacity	12x7ml (SERO Rotor)
Time Range	1min~99min
Noise	≤55dB
Power Supply	AC220V 50Hz 5A
Dimension	430x340x330mm (LxWxH)
Weight	23Kg



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