

CENTRIFUGES

LOW SPEED CENTRIFUGES
LOW SPEED REFRIGERATED CENTRIFUGE
MICRO CENTRIFUGE, LOW SPEED
CLINICAL CENTRIFUGE, LOW SPEED

HIGH SPEED CENTRIFUGE
HIGH SPEED REFRIGERATED CENTRIFUGE
MINI CENTRIFUGE, HIGH SPEED
HEMATOCRIT CENTRIFUGE



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ABOUT US

BIOVOPEAK is a research-and service-driven enterprise in laboratory field with the mission of continuously improving the intelligence, precision, safety and convenience of the laboratory. Based on independent manufacturing capability, professional integration of worldwide laboratory resources and localized after-sales service network, we provide one-stop service for all customers.



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Low Speed Centrifuge, Economical Type

CFG-4R

EAC CE FDA

- Max. Speed:4000rpm
- Capacity:6x20ml
- Max.RCF:1995×g
- Timing Range:0-60 mins



Features



The lower speed centrifugal machine with the max.speed 4000r/min.



For radioimmunoassay and isolation of cells and large particles.



With stainless steel inner tank, good quality and safer



Adjustable timing and speed.



Has the characteristics of small size, light weight, low noise, beautiful appearance and so on.

Description

- Low Speed Centrifuges are widely used in the laboratory or produce department for organisms, medical, chemistry etc. They are suitable for qualitative analysis in hospital laboratories, clinics, biochemical laboratories, biological product laboratories, and for plasma, serum, urea and vaccine manufacturing.

Specification

Model	CFG-4R
Max. Speed	4000rpm
Capacity	6x20ml
Max.RCF	1995×g
Timing Range	0-60 mins
Electricity	220V/50Hz
Dimensions(W*D*H)	290*290*260mm
Weight	3.6Kg

Low Speed Centrifuge, Economical Type

CFG-5B(BD)



Technical performance

- ◆ Elegant shape, ABS housing, long service life and easy to clean
- ◆ The machine can stop running with the lid open This can ensure a safe running
- ◆ It runs quietly and stably.
- ◆ The speed and time can be set according to demands
- ◆ The data of the last operation can be stored.

Application

low speed centrifuge is used in laboratory, hospitals, colleges and universities.



Specification

Model	CFG-5B(BD)
Max Speed	4000r/min
Max RCF	1790xg
Rotor Capacity	15mlx6(Non replaceable)
Speed	± 30r/min
Time Setting	1min-60min
Noise	<60dB(A)
Power Supply	110V/60HZ, 220V/50HZ
Dimension(LxWxH)	270mmx270mmx240mm
Packing Size(LxWxH)	320mmx320mmx280mm
Net Weight	5kg

Low Speed Centrifuge, Economical Type

CFG-4ZA



Description

- ◆ Strong plastic case with metal lid
- ◆ With mechanical door lock
- ◆ With safety switch. Stop working when open the door
- ◆ Scope of supply includes the rotor
- ◆ High speed for short centrifugation timers
- ◆ Small footprint
- ◆ LED display speed. Stepless speed adjustment



Specification

Model	CFG-4ZA
Max RPM	4000 RPM, LED display speed
Max RCF	2325xg
Timer	0-30min
Rotor capacity	20mlx12 (standard)
Voltage	110V60Hz/220V50Hz
Dimension	280x310x265mm
Package	340x350x330mm
G.W./N.W.	10/9kg

Rotor NO.	Rotor capacity	Max RCF
A042012 (standard)	20mlx12	2325xg
A042006	20mlx6	1790xg
A042008	20mlx8	2325xg
A041518	15mlx18	2325xg
A041012	10mlx12	2325xg

Low Speed Centrifuge, Economical Type

CFG-4ZB



Description

- ◆ Strong Plastic case with metal lid
- ◆ With safety switch. Stop working when open the door
- ◆ Pointer show speed
- ◆ Stepless speed adjustment
- ◆ Mechanical timer
- ◆ Scope of supply includes the rotor
- ◆ High speed for short centrifugation timers



Specification

Model	CFG-4ZB
Max RPM	4000 RPM, Pointer show speed
Max RCF	2325xg
Timer	0-30min
Rotor capacity	20mlx12 (standard)
Voltage	110V60Hz/220V50Hz
Dimension	280x310x265mm
Package	340x350x330mm
G.W./N.W.	10/9kg

Rotor NO.	Rotor capacity	Max RCF
A042012 (standard)	20mlx12	2325xg
A042006	20mlx6	1790xg
A042008	20mlx8	2325xg
A041518	15mlx18	2325xg
A041012	10mlx12	2325xg

Low Speed Centrifuge, Economical Type

CFG-4ZBP



Description

- ◆ High strength plastic shelf, simple structure and simple operation.
- ◆ With mechanical door lock and safety switch, stop working when open the door.
- ◆ Pointer show speed, stepless speed adjustment
- ◆ Viewing area can view the running statement.



Specification

Model	CFG-4ZBP
Max RPM	4000 RPM
Max RCF	2325xg
Timer	0-30min
Rotor capacity	20mlx12 (Standard)
Voltage	110V60Hz/220V50Hz
Dimension	320x340x280mm
Package	410x430x350mm
G.W./N.W.	9/8kg

Rotor NO.	Rotor capacity	Max RCF
A042012	20mlx12	2325xg
A042008	20mlx8	2325xg
A041518	15mlx18	2325xg
A041012	10mlx12	2325xg
A042006	20mlx6	1790xg

Low Speed Centrifuge, Economical Type

CFG-4ZC



Description

- ◆ Strong plastic case with metal lid
- ◆ High brushless motor, with mechanical door lock
- ◆ Over speed and imbalance protection
- ◆ With safety switch, stop working when open the door
- ◆ Stepless speed adjustment, LED display speed and timer
- ◆ Error code display, speed up and down adjustment



Specification

Model	CFG-4ZC
Max RPM	4000 RPM
Max RCF	2325xg
Timer	0-99min
Rotor capacity	20mlx12(standard)
Voltage	110V 60Hz / 220V 50Hz
Dimension	280x310x265mm
Package	340x350x330mm
G.W./N.W.	10/9kg

Rotor NO.	Rotor capacity	Max RCF
A042012	20mlx12	2325xg
(standard)		
A042006	20mlx6	1790xg
A042008	20mlx8	2325xg
A041518	15mlx18	2325xg
A041012	10mlx12	2325xg
A040512	5ml eppendorf tube x12	1790xg
A040812	8mlx12	2325xg

Low Speed Centrifuge, Economical Type

CFG-4ZCP



Description

- ◆ High strength plastic lid, small volume, light weight
- ◆ Brush-less motor drive
- ◆ Error code, speed acceleration/deceleration rates 10 programs
- ◆ Advanced wide voltage design, RPM is not affected by voltage fluctuation, high precision
- ◆ Over speed alarm, finish alarm



Large screen backlight LCD shows speed/running time acceleration/deceleration
RCF/RPM toggle key, review the RCF at any time
Mechanical door lock and safety switch, it will stop if open the door.

Specification

Model	CFG-4ZCP
Max RPM	4000 RPM
Max RCF	2325xg
Timer	0-99min
Rotor capacity	20mlx12 (Standard)
Voltage	100-240V 50-60HZ
Dimension	320x340x280mm
Package	410x430x350mm
G.W./N.W.	8/7kg

Rotor NO.	Rotor capacity	Max RCF
A042012	20mlx12	2325xg
A042008	20mlx8	2325xg
A041518	15mlx18	2325xg
A041012	10mlx12	2325xg
A042006	20mlx6	1790xg
A040812	8mlx12	2325xg

Low Speed Centrifuge, Economical Type

CFG-4ZL



Description

- ◆ Strong plastic case
- ◆ Over speed alarm and imbalance protection
- ◆ Error code display, Accel /Decel rates adjustment
- ◆ Suit for qualitative analysis of blood serum and plasma
- ◆ Equipped with emergency locking device



Brushless motor, LCD display speed, RCF and timer
Touch panel control, automatic stop once lid open
Electronic door lock

Specification

Model	CFG-4ZL
Max RPM	4000 RPM
Max RCF	2325xg
Timer	0-99min
Rotor capacity	20mlx12(standard)
Voltage	110V 60Hz/220V 50Hz
Dimension	320x340x280mm
Package	410x430x350mm
G.W./N.W.	11/10kg

Rotor NO.	Rotor capacity	Max RCF
A042012	20mlx12	2325xg
(standard)		
A042006	20mlx6	1790xg
A042008	20mlx8	2325xg
A041518	15mlx18	2325xg
A041012	10mlx12	2325xg
A040512	5ml eppendorf tube x12	1790xg
A040812	8mlx12	2325xg

Low Speed Centrifuge, Economical Type

CFG-4ZN

EAC CE FDA

Description

- ◆ With safety switch
- ◆ Scope of supply includes the rotor
- ◆ High speed for short centrifugation timers
- ◆ Small footprint
- ◆ Simple to operate
- ◆ Step speed adjustment
- ◆ Classical metal case



Specification

Model	CFG-4ZN
Max RPM	4000RPM
Max RCF	1790xg
Rotor capacity	20mlx6
Voltage	110V60Hz/220V50Hz
Dimension	φ250×220 mm
Package	290x290x260mm
G.W./N.W.	3.6/3kg

Low Speed Centrifuge, Economical Type

CFG-4ZS

EAC CE FDA

Description

- ◆ Safety switch
- ◆ Scope of supply includes the rotor
- ◆ High speed for short centrifugation timers
- ◆ Small footprint
- ◆ Simple to operate
- ◆ Step speed adjustment
- ◆ Classical metal case



Specification

Model	CFG-4ZS
Max RPM	4000 RPM
Max RCF	2325xg
Timer	0-30min
Rotor capacity	20mlx12 (standard)
Voltage	110V60Hz/220V50Hz
Dimension	280x300x240mm
Package	340x370x290mm
G.W./N.W.	10/9kg

Rotor NO.	Rotor capacity	Max RCF
A042012(standard)	20mlx12	2325xg
A042006	20mlx6	1790xg
A041508	15mlx8	2325xg
A045006	50mlx6	2800xg

Low Speed Centrifuge, Benchtop

CFG-4B



Specification

Model	CFG-4B
Max speed	4200r/min
Max RCF	2760×g
Max capacity	20ml×12
Speed accuracy	± 30r/min
Time setting	1min~90min
Noise	<65dB(A)
Power supply	110V/60Hz 220V/50Hz
Dimension(L×W×H)	410mm×490mm×310mm
Packing size(L×W×H)	500mm×580mm×400mm
Net weight	22kg



Technical performance



- ◆ 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.
- ◆ Self-locking device, lid safety device, over-speed safety device, and automatic alarm device, etc.

Accessories Center

Model	NO.2
Max. speed	4200r/min
Max. RCF	2760×g
Adapters	0.5ml; 1.5ml 5ml/7ml Vacuum Tube
Apply to	5ml/7ml Vacuum Tube

Model	NO.2
Rotor capacity	50ml×4
Max. speed	4200r/min
Max. RCF	2760×g
Adapters	1.5ml×2×4 5ml×4 10ml×4 15ml×4 20ml×4 5ml/7ml ×4 Vacuum Tube

Model	NO.1	NO.1
Rotor capacity	10ml×18	20ml×12
Max. speed	4000r/min	4000r/min
Max. RCF	2200×g	2200×g
Adapters	1.5ml 5ml 5ml/7ml Vacuum Tube	5ml 10ml 5ml/7ml Vacuum Tube
Optional	Aluminum Rotor Stainless Steel Tubes	Aluminum Rotor Stainless Steel Tubes

Low Speed Centrifuge, Benchtop

CFG-4B(WS) CFG-5B(WS)



Description

- ◆ Microcomputer control, DC brushless motor, stable operation, low noise and high speed accuracy.
- ◆ The real-time conversation Of Speed and RCF is convenient for operation.
- ◆ Self-locking device, lid safety device, over-speed safety device, and automatic alarm device, etc.



LED or LCD display, user-friendly interface, simple and convenient operations.
Touch panel, programmable operation, operation data can be set according to demand and stored automatically.

Specifications

Model	CFG-4B (WS)	CFG-5B (WS)
Max speed	4000r/min	5000r/min
Max RCF	2500×g	4390×g
Max capacity	50ml×6	15ml ×32
Speed accuracy	± 30r/min	± 30r/min
Time setting	1min~99min	1min~99min
Noise	<60dB(A)	<65dB(A)
Power supply	110V/60Hz 220V/50Hz	110V/60Hz 220V/50Hz
Dimension(LxWxH)	330mm×420mm×280mm	460mm×540mm×340mm
Packing size(LxWxH)	430mm×520mm×390mm	550mm×630mm×430mm
Net weight	14kg	28kg

Low Speed Centrifuge, Benchtop

CFG-6B



Description

- ◆ Microcomputer control, DC brushless motor, stable operation, low noise and high speed accuracy.
- ◆ The real-time conversation Of Speed and RCF is convenient for operation.
- ◆ Self-locking device, lid safety device, over-speed safety device, and automatic alarm device, etc.



LED or LCD display, user-friendly interface, simple and convenient operations.
Touch panel, programmable operation, operation data can be set according to demand and stored automatically.

Specification

Model	CFG-6B
Max speed	6000r/min
Max RCF	5120×g
Max capacity	15ml×16
Speed accuracy	± 30r/min
Time setting	1min~99min
Noise	<65dB(A)
Power supply	110V/60Hz 220V/50Hz
Dimension(LxWxH)	410mm×490mm×310mm
Packing size(LxWxH)	500mm×580mm×400mm
Net weight	22kg

Low Speed Centrifuge, Benchtop

CFG-5B



Description

This series of centrifuge separation technology is a new technology developed according to the state of particles in a practical centrifugal occasion; It is suitable for experiments and scientific research in the fields of biochemistry, hospital clinical testing, etc.



Drive:

Brushless DC motor drive, maintenance-free, high torque, fast lifting speed, special combination of shock absorption device to make the motor run smoothly.

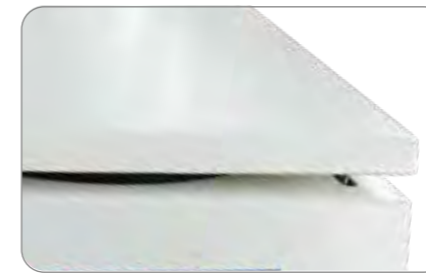
Specification

Model	CFG-5B
Max. Speed	5000r/min
Max. RCF	4020×g
Max.Capacity	6×50ml
Speed Accuracy	±30r/min
Time Setting	0~99min
Noise	≤58dB
Motor	Brushless DC motor, microcomputer control
Power Supply	AC 220V 50Hz 8A
Dimensions(L×D×H)	430×340×250mm
Weight	20kg

Advantages



- ◆ **Display:** Intelligent control, touch panel, intuitive digital display, operating parameters can be automatically memorized, and RCF can be set directly.
- ◆ **Control:** Parameters such as speed and time can be set directly, which is convenient to use.



- ◆ **Machine body:** Themachinebody adopts high-quality steel structure, stainless steel centrifugal chamber, durable and easy to clean.
- ◆ **Security:** It has multiple protection functions such as door cover, overspeed and unbalance to ensure safe and reliable operation.

Available rotor and centrifuge tube

Rotor NO.	Max. Capacity	Max. Speed	Max. RCF	Dimension of Centrifuge Tube
Angle Rotor	12×20ml	5000r/min	4020×g	-
Angle Rotor	6×50ml	5000r/min	4020×g	-
Angle Rotor	24×10ml	5000r/min	4020×g	-
NO.42Angle rotor	12×15ml	5000r/min	4020×g	Φ 28×105-115

Low Speed Centrifuge, Benchtop

CFG-5B-A



Features:

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



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

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

Specification

Model	CFG-5B-A
Max speed	5000r/min
Max RCF	4390×g
Max capacity	15ml×36
Speed accuracy	± 30r/min
Time setting	1min~99min
Noise	<65dB(A)
Power supply	110V/60Hz 220V/50Hz
Dimension(L*W*H)	460mm×540mm×340mm
Packing size(L*W*H)	550mm×630mm×430mm
Net weight	28kg

Accessories Center

Model	NO.5	NO.5
Rotor capacity	10ml×12	50ml×8
Max. speed	5000r/min	5000r/min
Max. RCF	3500×g	3500×g
Adapters	1.5ml, 5ml	15ml, 20ml

Model	NO.2
Rotor capacity	50ml×4
Max. speed	5000r/min
Max. RCF	4390×g
Adapters	1.5ml×2×4 5ml/7ml ×4 Vacuum Tube 5ml×4 10ml×4 15ml×4 20ml×4

<p>No.3</p> <p>Max. speed:4000r/min Max. RCF:2200×g</p>	<p>50ml×2×4 Bucket</p>	<p>Adapters:</p> <p>1.5ml×2 5ml/7ml Vacuum Tube 5ml,10ml 15ml,20ml</p>	<p>15ml/10ml×6×4 Bucket</p>	<p>Adapters:</p> <p>1.5ml 5ml/7ml Vacuum Tube 5ml,10ml</p>
	<p>15ml/10ml ×4×4 Bucket</p>	<p>Adapters: 1.5ml 5ml/7ml Vacuum Tube 5ml,10ml</p>	<p>15ml/10ml ×8×4 Bucket</p>	<p>Adapters:</p> <p>1.5ml 5ml/7ml Vacuum Tube 5ml,10ml</p>

<p>No.4</p>	<p>Rotor capacity:8×96 well Max. speed:4000r/min Max. RCF:2200×g</p>	<p>8×96 well Microplate</p>
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<p>No.6</p> <p>Max. speed:4000r/min Max. RCF:3000×g</p>	<p>7ml×12×4 Bucket</p>	<p>15ml×6×4 Bucket</p>	<p>15ml×9×4 Bucket</p>
	<p>50ml×4 Bucket</p>	<p>50ml×2×4 Bucket</p>	<p>100ml×4 Bucket</p>

Low Speed Centrifuge, Benchtop

CFG-5BL



Description

It is suitable for separation of biological, chemical, pharmaceutical, biological products and other different liquids.

Rotor

NO.	Max speed rmp/m	Max RCF(xg)	Rotor Type	Capacity	Dimension of TestTube (mm)
NO.1	4000rmp/m	2810×g	Level Rotor	4x2x100ml (It can be equipped with adapter)	Φ37.5×123
	4000rmp/m	2810×g		4x100ml (It can be equipped with adapter)	Φ37.5×123
	4000rmp/m	2810×g		4x2x50ml	Φ29×107
	4000rmp/m	2810×g		4x50ml	Φ29×107
	4000rmp/m	2810×g		4x8x15ml	Φ17×118
				4x6x15ml	Φ17×118
				4x4x15ml	Φ17×118
				4x250ml	Φ62×110
NO.2	4200r/min	3500xg		4x500ml	Φ80×137
NO.3	4000r/min	3040×g			
NO.4	4000r/min	2000×g	Microplate Rotor	2×2×96 well plate	Microplate
NO.5	6000r/min	3800×g	Angle Rotor	6×50ml	Φ29×105

Advantages



- ◆ 5-inch high-definition touch screen, easy to operate and intuitive display;
- ◆ 15 groups of programs can be stored for users to use;
- ◆ There are various protections such as overspeed, door protection, imbalance protection, etc. to ensure the safety of human and machine;



- ◆ Automatically identify 4 different rotors to eliminate potential safety hazards caused by user misoperation;
- ◆ It has 9 files of acceleration and 10 files of deceleration level, which can effectively prevent secondary suspension and have a good centrifugal effect;



- ◆ AC variable frequency motor, high speed control precision
- ◆ Unique two-stage shock absorption; large-capacity rotor has little vibration during operation, runs smoothly, and increases the service life of the instrument;
- ◆ Special air duct, continuous working temperature rise is less than 10°C at room temperature of 26-28°C;

Specification

Model	CFG-5BL	
Max. Speed	6000rmp/m	
Max. RCF	3800×g	
Max.Capacity	4×500mL	
Motor	AC frequency conversion motor	
Speed Accuracy	±30r/min	
Time Setting	Timed centrifugation	1min ~ 99 min59sec
	Continuous centrifugation	Hold
Power Supply	AC220±22V 50/60Hz 10A	
Noise	≤60dB(A)	
Dimensions(L×D×H)	458mm×620mm×380mm	
Net Weight	55kg	

Low Speed Centrifuge, Benchtop

CFG-B5BL CFG-B5BL(WS)



Features:

- ◆ Microcomputer control, variable-conversion motor, stable operation, low noise and high speed accuracy.
- ◆ The real-time conversation of speed and RCF is convenient for operation.
- ◆ Self-locking device, lid safety device, over-speed safety device, and automatic alarm device, etc.



Specification



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

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

Model	CFG-B5BL/CFG-B5BL(WS)
Max speed	5000RPM
Max RCF	5030×g
Max capacity	500ml ×4
Speed accuracy	± 50r/min
Time setting	1min~99min
Noise	<65dB(A)
Power supply	110V/60Hz 220V/50Hz
Dimension(L*W*H)	460mm×540mm×340mm
Packing size(L*W*H)	550mm×630mm×430mm
Net weight	31kg

Accessories Center

No.3

Rotor capacity:250ml×4
Max. RCF:4300r/min
Max. RCF:3582×g

250ml Bucket

250ml Bottle

1.5ml×9×4

5ml/7ml×9×4 Vacuum Tube

5ml×7×4

10ml×7×4 Internal Thread

15ml×5×4

20ml×4×4

50ml×4

100ml×4

No.3

Rotor capacity:7ml×72
Max. speed:4300r/min
Max. RCF:3582×g

7ml×18×4 Bucket

No.4

Rotor capacity:8×96well
Max. speed:4000r/min
Max. RCF:2200×g

8×96well Microplate

No.2

50ml×2×4 Bucket

Model	NO.2
Rotor capacity	50ml×8
Max. speed	5000r/min
Max. RCF	5030×g
Adapters	1.5ml×2×8
	5ml/7ml ×8 Vacuum Tube
	5ml×8
	10ml×8
	15ml×8
	20ml×8

No.1

Rotor capacity:500ml×4
Max. RCF:4000r/min
Max. RCF:3220×g

500ml Bucket

500ml Bottle

Bucket

1.5ml×20×4

15ml×8×4

100ml×2×4

1.5ml×25×4

15ml×10×4

5ml/7ml×20×4 Blood Vacuum Tube

20ml×9×4

5ml×28×4 Blood Vacuum Tube

50ml×4×4

10ml×15×4 G RIA Tube

50ml×4×4

250ml×4

10ml×20×4

250ml×4

4×2×96 Microplate

4×24×7ml Blood Vacuum Tube

No.6

Max. speed:4000r/min
Max. RCF:3000×g

7ml×12×4 Bucket

50ml×4 Bucket

15ml×6×4 Bucket

50ml×2×4 Bucket

15ml×9×4 Bucket

100ml×4 Bucket

Bench Top Low Speed Centrifuge

CFG-5DK



Description

The series of centrifuges has new separation technology based on the state of different particles in a centrifugal atmosphere. They are applied for testing and research in the fields of biochemistry, clinical, hospitals and so on.

Product Features



- **Driving:** Driven by maintenance-free brushless DC motor with high torque. It offers fast acceleration and dynamic brake and the powerful vibration absorbers make the motor run more steady



- **Safety Protection:** It contains various safety protections including lid locking and holding during rotor on, over speed, unbalance. The electrical lid lock ensures its safety and reliability during running.



- **Control:** Control of speed and time. Direct set for speed and time is user-friendly.



- **Display:** Controlled by microcomputer with touching pad and visual digital display. The last program is stored automatically and RCF can be directly set.



- **Body Structure:** Premium steel housing for safety and reliability; stainless steel chamber for durability and easy cleaning.

Specification

Model	CFG-5DK
Max Speed	5500r/min
Max RCF	5310×g
Max Capacity	4×500ml
Speed Accuracy	±30r/min
Timer Range	0~99min
Noise	≤58dB
Motor	Brushless DC motor and microcomputer controlled
Power Supply	AC 220V 50Hz 15A
Dimension (W×D×H)	460×590×420mm
Weight	45kg

Rotors & Tubes

Rotor NO.	Max Capacity	Max Speed	Max RCF.	Tube Size
No.52 Swinging Rotor	2×2×96 wells	4000r/min	2380×g	Microtitre-plate
No.56 Swinging Rotor	4×50/100ml	5500r/min	5310×g	Ø38×124
No.57 Swinging Rotor	32×10/15ml	4000r/min	2810×g	Ø16×85-118
No.57 Swinging Rotor	32×10/15ml (with windshield)	4000r/min	2810×g	Ø16×85-118
No.61 Swinging Rotor	4×250/8×50/36×10ml	4000r/min	3500×g	Ø64×113
No.62 Swinging Rotor	4×500/12×50/8×100ml	4000r/min	3580×g	Ø80×140
No.69 Swinging Rotor	48/40×5ml	4000r/min	2800×g	Ø14×54
No.76 Swinging Rotor	72×5ml	4000r/min	2830×g	Ø14×54
No.77 Swinging Rotor	8×50/100ml	4000r/min	2810×g	Ø25×105-115
No.77 Swinging Rotor	8×50/100ml	4000r/min	2810×g	Ø25×105-115

Low Speed Centrifuge, Benchtop

CFG-550



Description

- ◆ Microcomputer control, DC brushless motor, stable operation, low noise and high speed accuracy.
- ◆ 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.
- ◆ It has 10 files of acceleration and deceleration lever for you choice.



LED or LCD display, user-friendly interface, simple and convenient operations.
Touch panel, programmable operation, operation data can be set according to demand and stored automatically.

Specification

Model	CFG-550
Max speed	5500RPM
Max RCF	5310×g
Max capacity	500ml×4
Speed accuracy	± 30r/min
Time setting	1min~99min/1min~99h59min
Noise	<65dB(A)
Power supply	110V/60Hz 220V/50Hz
Dimension(LxWxH)	460mm×540mm×340mm
Packing size(LxWxH)	550mm×630mm×430mm
Net weight	31kg

Accessories Center

Model	NO.2
Rotor capacity	100ml×4
Max. speed	5000r/min
Max. RCF	4390×g
Adapters	1.5ml×4×4
	5ml/7ml ×4 Vacuum Tube
	5ml×2×4
	10ml×3×4 G RIA Tube
	15ml×4
	20ml×4
	50ml×4

	Rotor capacity:8×96 well Max. speed:4000r/min Max. RCF:2200×g		Rotor capacity:15ml×12 Max. speed:5500r/min Max. RCF:5310×g		8×96 well Microplate
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No.6			
	Rotor capacity:4000r/min Max. speed:3000×g Max. RCF:500ml×4		500ml Conical Tube 500ml×4
			500ml×4 V-bottom
			50ml×4×4 V-bottom
			15ml×7×4 V-bottom

No.3			
	Max. speed:4200r/min Max. RCF:3100×g		50ml×2×4 Bucket
			15ml/10ml ×4×4 Bucket
		Adapters:	Adapters:
		1.5ml×2 5ml/7ml Vacuum Tube 5ml,10ml 15ml,20ml	15ml/10ml×6×4 Bucket
		Adapters: 1.5ml 5ml/7ml Blood Vacuum Tube 5ml,10ml	Adapters: 1.5ml 5ml/7ml Blood Vacuum Tube 5ml,10ml
		Adapters: 15ml/10ml ×8×4 Bucket	Adapters: 1.5ml 5ml/7ml Vacuum Tube 5ml,10ml

		500ml Bucket		1.5ml×18×4		5ml×7ml×19×4 Vacuum Tube		10ml×14×4 G RIA Tube		15ml×9×4
		500ml Bottle		20ml×7×4		50ml×3×4		100ml×4		250ml×4
				1.5ml×25×4		5ml×28×4 Vacuum Tube		10ml×20×4 G RIA Tube		15ml×10×4
				50ml×4×4		100ml×2×4		250ml×4l		
		4×2×96 well Microplate Bucket		7ml×24×4 Vacuum Tube						

Low speed centrifuge

CFG-6J



Specifications

- ◆ Universal centrifuge with selectable options (optional fixed-angle rotor, swing-bucket rotor, micro-plate rotor).
- ◆ Microprocessor controlled centrifuge with variable speed and time setting. Silent operation
- ◆ Brush-less AC motor for maintenance free and long service
- ◆ Adjustable ramp & brake speeds (up to 15 speed selection).
- ◆ Count down at set RPM & one touch short -spin operation.

Specification

Model	CFG-6J
Max Speed	6000 rpm
Max RCF	5037×g
Speed Accuracy	±10 rpm
Noise	≦ 65 dB
Timer	1~9999min, continuous operation, one touch short spin operation
No. 1: Swing out rotor	4×300 ml, 4500 rpm, 3781×g
Adapter	4×250 ml, 8×100 ml, 8×50 ml (conical), 12×50 ml (round bottom), 40×10 ml, 28×15 ml (conical), 56×5 ml, 76×5 ml
No. 2: Swing out rotor	4×450 ml, 4200 rpm, 3451×g
Adapter 1: bucket	4×250 ml, 56×10 ml, 12×100 ml, 12×50 ml (conical), 16×50 ml (round bottom), 56×10 ml/15 ml (conical), 68×5 ml, 96×5 ml
Adapter 2: bucket	68×5 ml
No. 3: Adapter	96×5 ml, 4200 rpm, 3451×g
No. 4: Angle rotor	12×10 ml/15 ml, 6000 rpm, 5037×g
No. 5: Microplate	2×96, 4000 rpm, 2260×g
Power	AC220V 50Hz 5A
Weight	55 kg
Dimensions (W×D×H)	425mm×510mm×415mm



Technical performance

- ◆ LCD display for easy setting and readability across multiple parameters (rotor model, temperature, time, RCF and RPM).
- ◆ Soft touch key pad for parameters setting, special key for RCF.
- ◆ Double lids and double locks, lid locking and holding during rotor run for safe operation.
- ◆ User can set parameters when centrifuge is in operation (not program).
- ◆ User programmable-user can save and run up to 20 user-defined programs.
- ◆ Double layer stainless steel structure, anti-corrosion spray coating chamber.
- ◆ Automatic imbalance detection with audible alarm & over speed protection.
- ◆ The shortest acceleration/braking time less than 30s.

Low Speed Centrifuge, Automatic Balance

CFG-4BA



Specification

Model	CFG-4BA
Max. Speed	4000r/min
Max. RCF	2200×g
Max.Capacity	6×50ml
Time Setting	0~99min
Motor	Brushless DC motor, microcomputer control
Power Supply	AC 220V 50Hz 3A
Dimensions(L×D×H)	430×340×250mm
Net Weight	20kg

Advantages



- ◆ **Drive:** Brushless DC motor drive, maintenance-free, high torque, fast lifting speed, special combination shock absorption device to make the motor run smoothly, with small vibration, low noise, and meet environmental protection requirements.
- ◆ **Display:** Intelligent control, touch panel, intuitive digital display.
- ◆ **Machine body:** It adopts high-quality steel structure and stainless steel centrifugal chamber.
- ◆ **Security:** It adopts silent motor, integrated electronic lock. It has multiple protection functions such as door cover, over-speed, imbalance, etc. It is equipped with electronic door lock to ensure safe and reliable operation.
- ◆ **Application:** Suitable for biochemical laboratory, hospital clinical test, etc.

Angle Rotor



24×10ml(4000r/min)
RFC:2200×g



6×50ml(4000r/min)
RFC:2200×g



12×10/15ml(4000r/min)
RFC:2200×g



18×10ml(4000r/min)
RFC:2200×g

Low Speed Centrifuge, Large Capacity

CFG-550J



Specifications

- ◆ Universal centrifuge with selectable options (optional fixed-angle rotor, swing-bucket rotor, microplate rotor).
- ◆ Microprocessor controlled centrifuge with variable speed and time setting. Silent operation
- ◆ Brushless AC motor for maintenance free and long service
- ◆ Adjustable ramp & brake speeds (up to 15 speed selection).
- ◆ Count down at set RPM & one touch short spin operation.



Specification

Model	CFG-550J
Max Speed	5500 rpm
Max RCF	5400×g
Speed Accuracy	±10 rpm
Noise	≤65 dB
Timer	1-999min, continuous operation, one touch short spin operation
No. 1: Swing out rotor	4×750 mL, 4200 rpm, 3648×g
Adapter	4×500 mL, 4×250 mL, 12×100 mL, 20×50 mL (conical), 28×50 mL (round bottom), 56×15 mL/20 mL (conical), 76×15 mL (round bottom), 96×5 mL (evacuated blood tube), 148×5 mL (RIA)
No. 2: Swing out rotor	16×100 mL, 16×50 mL, 64×15 mL (round bottom), 4200 rpm, 3451×g
No. 3: Swing out rotor	148×5 mL (evacuated blood tube), 4200 rpm, 3648×g
No. 4: Angle rotor	6×50 mL, 5500 rpm, 5400×g
No. 5: Mold reaction plate	96-well microplate: 2×2, 96-well deep well plate×2, 5000 rpm, 3530×g
NO.6: Mold reaction plate	96-well microplate: 2×4, 96-well deep well plate×4, 5000 rpm, 3530×g
Power	89 kg
Weight	600 W
Dimensions (W×D×H)	470mm×575mm×520mm/600mm×790mm×890mm

Technical performance

- ◆ Double layer stainless steel structure, anti-corrosion spray coating chamber.
- ◆ Automatic imbalance detection with audible alarm & overspeed protection.
- ◆ User can set parameters when centrifuge is in operation (not program).
- ◆ The shortest acceleration/braking time less than 30s.



- ◆ LCD display for easy setting and readability across multiple parameters (rotor model, temperature, time, RCF and RPM).
- ◆ Soft touch key pad for parameters setting, special key for RCF.
- ◆ Double lids and double locks, lid locking and holding during rotor run for safe operation.
- ◆ Programmable-user can save and run up to 20 user-defined programs.

Low Speed Centrifuge

Large Capacity, Benchtop

CFG-580



Features:

- ◆ This multipurpose centrifuge has advanced and intelligent technology.
- ◆ Microcomputer control, LCD touching screen display.
- ◆ It has 10 files of acceleration and deceleration level for your choice.
- ◆ New electrical lock ensure the safety spin.
- ◆ There are over-speed safety device, over-temperature safety device and automatic alarm device.



Specification

Model	CFG-580
Speed Centrifuge	Low Speed Centrifuge
Max speed	5800r/min
Max RCF	5060×g
Max capacity	750ml×4
Speed accuracy	± 50r/min
Time setting	1min~99h 59min
Noise	<65db(A)
Power supply	110V/60Hz ,220V/50Hz
Dimension(L*W*H)	545mm×660mm×490mm
Packing size(L*W*H)	670mm×780mm×630mm
Net weight	72kg

Accessories Center



Model	NO.1	NO.2	NO.3	NO.7	NO.8
Rotor capacity	1.5ml/2.2ml×12	10ml×12	50ml×6	1.5ml/2.2ml×24	100ml×4
Max. speed	20500r/min	15000r/min	13000r/min	16500r/min	11000r/min
Max. RCF	29200×g	23120×g	17940×g	24890×g	11720×g
Adapters	0.2ml,0.5ml	1.5ml,5ml	15ml,20ml	0.2ml,0.5ml	10ml,20ml

No.4

Rotor capacity:500ml×4
Max. RCF:4000r/min
Max. RCF:3220×g

500ml Bucket

500ml Bottle

1.5ml×25×4	5ml×28×4 Vacuum Tube	50ml×4×4
10ml×20×4	15ml×10×4	250ml×4
5ml/7ml×28×4 Vacuum Tube	15ml×8×4	20ml×9×4
50ml×4×4	100ml×2×4	300ml×4

Name:Microplate Bucket Capacity:4×2×96 well

4×24×5ml Vacuum Tube

4×37×7ml G RIA Tubes

No.4

Rotor capacity:4×2×96 well
Max. RCF:4000r/min
Max. RCF:3040×g

4×2×96 well Microplate Bucket

1.5ml×25×4	5ml×28×4 Vacuum Tube	10ml×20×4 Internal Thread
15ml×10×4	50ml×4×4	It is customizable

No.6

Rotor capacity:250ml×4
Max. RCF:4300r/min
Max. RCF:3582×g

250ml ×4

750ml Bottle

1.5ml×9×4	5ml×7×4	5ml/7ml×9×4 Blood Vacuum Tube
10ml×7×4 Internal Thread	15ml×5×4	20ml×4×4
50ml×4	100ml×4	

Low Speed Refrigerated Centrifuge

CFGR-6DL




Description

This series of centrifuges is an advanced intelligent instrument with large capacity and refrigeration system. It is widely used for technology research and development in the fields of biochemistry, medical care, food safety, farming, blood bank, biological pharmacy, medicine productivity and so on.



Features:

Drive:

Driven by brushless AC frequency motor with SOFT brake to avoid suspension.

Rotor:

With standby cooling, the rotor remains at the required temperature. Rotors are autoclavable at 121°C for 20 minutes.

Speed Control:

The acceleration time to the maximum rotational speed is approx 14 s; The deceleration time from maximum rotational speed is approx 15 s.

Cooling:

Totally CFC-free compressor with controlling valve for environment protection. It has features such as small vibration, fast cooling, low noise.

Features:

Display:

Microcomputer controlled with touching pad and LED & LCD display. The programs are stored automatically and RCF can be directly set.

Control:

10 rates of acceleration and deceleration (brake). 40 programs storage and recall. It offers hold-on and transient functions for diverse centrifugation.

Body Structure:

Premium steel housing and stainless steel chamber.

Safety Protection:

Rotor recognition system. It contains various safety protections including lid locking and holding during rotor on, over speed, over temp., unbalance.



Specification

Model	CFGR-6DL
Max Speed	6000r/min
Max RCF	6680×g
Max Capacity	6×1000ml
No.34 Angle Rotor	6×300ml(6000r/min)RFC:5650×g
No.38 Angle Rotor	6×500ml(6000r/min)RFC:6680×g
No.70 Swinging Rotor	6×1000ml(4200r/min)RFC:5100×g (Circular cup)
No.70 Swinging Rotor	6×1000ml(4200r/min)RFC:5100×g (Square cup)
Speed Accuracy	±20r/min
Time Setting	1s~99h59min59s
Temp. Range	-20°C~40°C
Temp. Accuracy	±1°C
Compressor	High-performance compressor with CFC-free refrigerant
Noise	≤65dB
Motor	Brushless AC frequency motor and microcomputer control
Power Supply	AC 220V 50Hz 35A
Dimension (W×D×H)	830×720×1250mm
Weight	268kg

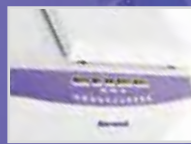
Low Speed Refrigerated Centrifuge

CFGR-B550J CFGR-550J



Description

- ◆ Silent operation. Danfoss compressor.
- ◆ Brush-less AC motor for maintenance free and long service life.
- ◆ Microprocessor controlled centrifuge with variable speed and time setting. Universal centrifuge with selectable options (optional fixed-angle rotor, swing-bucket rotor, micro-plate rotor).



CFGR-B550J



CFGR-550J

Specifications

Model	CFGR-B550J	CFGR-550J
Max. speed	5500 rpm	
Max. RCF	5400×g	
Max. capacity	4×250 mL	4×750 mL
Speed accuracy	±10 rpm	
Noise	≤60 dB ≤65 dB	
Timer	1s~999min, continuous operation, one touch short spin operation	
Temperature range	-20℃-40℃	
Temperature accuracy	±1℃	
Power supply	AC220V / 50Hz	
Weight	65 kg	89 kg
Dimensions (W×D×H)	450mm×575mm×520mm	600mm×790mm×890mm

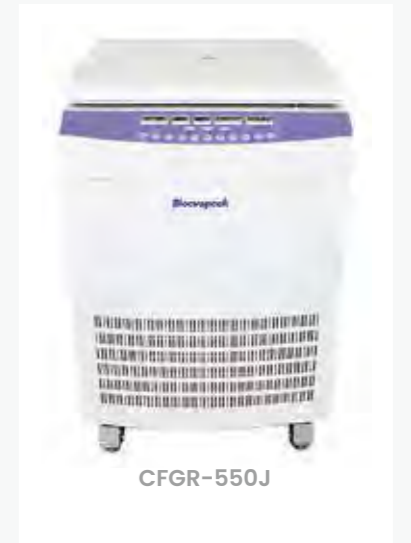


CFGR-B550J

Description

- ◆ Adjustable ramp & brake speeds (up to 15 speed selection).
- ◆ Count down at set RPM & one touch short spin operation.
- ◆ Automatic imbalance detection with audible alarm & over speed protection.
- ◆ The shortest acceleration/braking time less than 30s.
- ◆ Pre-cooling function, quick cooling makes rotor chamber attains 4℃ from ambient temperature in 10 minutes.
- ◆ Stand-by function maintains the constant temperature.

- ◆ LCD display for easy setting and readability across multiple parameters (rotor model, temperature, time, RCF and RPM).
- ◆ Soft touch keypad for parameters setting, special key for RCF.
- ◆ Double lids and double locks, lid locking and holding during rotor run for safe operation.
- ◆ User programmable-user can save and run up to 20 user-defined programs.
- ◆ User can set parameters when centrifuge is in operation (not program).



CFGR-550J

Model	CFGR-B550J	CFGR-550J
No. 1: Swing out rotor	4×250 mL, 4500 rpm, 3781×g	4×750 mL, 4200 rpm, 3648×g
Adapter1: Bucket	4×250 mL, 4×100 mL, 12×50 mL, 40×10 mL, 56×5 mL (Blood collection tubes), 20ml*15 (conical)	4×500 mL, 4×250 mL, 8×100 mL (conical), 12×100 mL (round bottom), 20×50 mL (conical), 28×50 mL (round bottom), 56×15 mL/20 mL (conical), 76×15 mL, 96×5 mL (Blood collection tubes), 148×5 mL (RIA)
Adapter2: Bucket	/	96×5 mL
No. 2: Swing out rotor	8×100 mL, 4200 rpm, 3715×g	/
Adapter	8×100 mL, 8×50 mL, 32×10 mL/15 mL/5 mL	/
No. 3: Adapter	/	148×5 mL, 4200 rpm, 3648×g
No. 4: Fixed angle rotor	6×50 mL, 5500rpm, 5400×g	
No. 5: Microplates	2×2×96, 5000 rpm, 3530×g	

Benchtop Low Speed Refrigerated Centrifuge

CFGR-5BL




Description

It is widely used in clinical, biology, genetic engineering, immunology and other fields, and is suitable for separation of solutions such as radioimmunity, water treatment, biology, chemistry, biopharmaceutical, blood product, etc.

Specification

Model	CFGR-5BL	
Max. Speed	4200rpm/m	
Max. RCF	3500×g	
Max.Capacity	4×500mL	
Motor	AC frequency conversion motor	
Speed Accuracy	±30r/min	
Time Setting	Timed centrifugation	1min ~ 99 min59sec
	Continuous centrifugation	Hold
Temperature Setting	-10 C ~ +40 C	
Temperature Accuracy	±1.0 C	
Power Supply	AC220±22V 50/60Hz 16A	
Noise	< 60dB(A)	
Dimensions(L×D×H)(mm)	720×743×410	
Net Weight	110kg	

Advantages



- ◆ 5-inch high-definition touch screen, easy to operate and intuitive display
- ◆ 15 groups of programs can be stored for users to use;



- ◆ Automatically identify 4 different rotors to eliminate potential safety hazards caused by user misoperation;
- ◆ AC variable frequency motor, high speed control precision, imported environmental protection compressor;
- ◆ Free switching of speed and RCF;
- ◆ It has 9 files of acceleration and 10 files of deceleration level, which can effectively prevent secondary suspension and have a good centrifugal effect.
- ◆ There are various protections such as overspeed, door protection, imbalance protection, etc. to ensure the safety of human and machine;

Rotor

NO.	Max speed rpm/m	Max RCF(xg)	Rotor Type	Capacity	Dimension of TestTube (mm)
NO.1	4000rpm/m	2810×g	Level Rotor	4x2x100ml (It can be equipped with adapter)	Φ37.5×123
	4000rpm/m	2810×g		4x100ml (It can be equipped with adapter)	Φ37.5×123
	4000rpm/m	2810×g		4x2x50ml	Φ29×107
	4000rpm/m	2810×g		4x50ml	Φ29×107
	4000rpm/m	2810×g		4x8x15ml	Φ17×118
				4x6x15ml	Φ17×118
				4x4x15ml	Φ17×118
NO.2	4200r/min	3500xg	Level Rotor	4x250ml	Φ62×110
NO.3	4000r/min	3040×g		4×500ml	Φ80×137
NO.4	4000r/min	2000×g	Microplate Rotor	2×2×96 well plate	Microplate

Large Capacity Low Speed Refrigerated Centrifuge

CFGR-B580



Features:

- ◆ This multipurpose centrifuge has advanced and intelligent technology.
- ◆ Rotor automatic recognition.(optional).
- ◆ It has 10 files Of acceleration and deceleration level for your choice.
- ◆ Pre-programmed option and memory storage function.
- ◆ The chamber has large space. Many rotors are available and interchangeable.



Specification

Model	CFGR-B580
Max speed	5800r/min
Max RCF	5060×g
Max capacity	750ml×4
Speed accuracy	± 30r/min
Time setting	1min~99h 59min
Temperature setting	-20 ~ +40 °C
Temperature accuracy	±1 °C
Compressor unit	Imported refrigeration Units.R404a
Noise	<65dB(A)
Power supply	110V/60Hz ,220V/50Hz
Dimension(L*W*H)	725mm×660mm×440mm
Packing size(L*W*H)	880mm×780mm×620mm
Net weight	75kg



Microcomputer control, LCD large touch screen.

New electronical lock ensure the safety spin. There are over-speed safety device, over-temperature safety device and automatic alarm device.

Accessories Center



Model	NO.1	NO.2	NO.3	NO.3	NO.4	NO.7
Rotor capacity	1.5ml/2.2ml×12	5ml×12	30ml×6	10ml×12	50ml×6	1.5ml/2.2ml×24
Max. speed	21000r/min	16500r/min	15000r/min	15000r/min	13000r/min	16500r/min
Max. RCF	30642×g	19175×g	23120×g	23120×g	17940×g	26050×g
Adapters	0.2ml,0.5ml	0.5ml,5ml	0.5ml,1.5ml	10ml	15ml,20ml	0.2ml,0.5ml



Model	NO.8	NO.9	NO.1	NO.3	NO.3	NO.3
Rotor capacity	85ml×6	100ml×6	50ml×6	8×96wel	8×96wel	Microplate Bucket
Max. speed	12000r/min	10000r/min	5800r/min	4000r/min	-	-
Max. RCF	15805×g	11960×g	5060×g	2200×g	-	-
Adapters	50ml,15ml,20ml	It is customizable	15ml,20ml	-	-	-

<p>Rotor capacity:750ml×4 Max. RCF:4000r/min Max. RCF:3780×g</p>	<p>750ml Bucket</p>	<p>5ml/7ml×20×4 Vacuum Tube</p>	<p>5ml/7ml×37×4 G RIA Tubes</p>	<p>15ml×14×4</p>
	<p>750ml Bottle</p>	<p>20ml×12×4</p>	<p>50ml×5×4</p>	<p>100ml×3×4</p>
		<p>300ml×4</p>	<p>500ml×4</p>	

<p>Rotor capacity:250ml×6/4 Max. RCF:4200r/min Max. RCF:3500×g</p>	<p>250ml Bucket</p>	<p>1.5ml×9×6/4</p>	<p>5ml×7×6/4</p>	<p>5ml/7ml×9×6/4 Vacuum Tube</p>
	<p>250ml Bottle</p>	<p>10ml×7×6/4 Internal Thread</p>	<p>15ml×5×6/4</p>	<p>20ml×4×6/4</p>
		<p>50ml×6/4</p>	<p>100ml×6/4</p>	

Low Speed Refrigerated Centrifuge Floor-Standing, Large Capacity

CFGR-5B



Specification

Model	CFGR-5B
Max speed	5000r/min
Max RCF	3780xg
Max capacity	750mlx4
Speed accuracy	± 50r/min
Time setting	1min~99min
Temperature setting	-20~40 C
Temperature accuracy	±1C
Compressor unit	French Tecumseh. Compressor Unit, R404a
Noise	<65dB(A)
Power supply	110V/60Hz,220V/50Hz
Dimension(LxWxH)	650mmx710mmx1100mm
Packing size(LxWxH)	740mmx830mmx1300mm
Net weight	170kg



Technical performance

It has micro-computer control, electronic lock and AC variable-conversion motor which delivers high torque.

LED display and the touching panel makes the operation easy.

It has 10 files of acceleration and deceleration level for your choice.

The machine is programmable. The operation data can be stored automatically.



Imported compressor unit with Non-CFC refrigerant. It measures up to environmental standards.

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.

Rotor capacity:8×96 well
Max. speed:4000r/min
Max. RCF:2200×g

8×96 well
Microplate
Bucket

No.5 Rotor capacity:4×2×96 well
Max. speed:4000r/min
Max. RCF:3040×g

4×2×96 well
Microplate
Bucket

Rotor capacity: 50ml×6
Max. speed: 5000r/min
Max. RCF: 3780×g
Adapters: 15ml,12ml

No.1 Max. speed:4000r/min
Max. RCF:3780×g

7ml(RIA Tube)×37×4
Adapters+Bucket

7ml(Vacuum Tube)×24×4
Adapters+Bucket

No.3 Rotor capacity:750ml×4
Max. RCF:4000r/min
Max. RCF:3780×g

750ml Bucket

750ml Bottle

1.5ml×24×4

5ml/7ml×24×4
Blood Vacuum
Tube

5ml/7ml×37×4
G RIA Tube

10ml×20×4
Internal Thread

15ml×14×4

20ml×12×4

50ml×5×4

100ml×3×4

250ml×4

300ml×4

500ml×4

No.5 Rotor capacity:4 buckets
Max. RCF:4000r/min
Max. RCF:3040×g

Bucket

1.5ml×25×4

5ml×28×4
Blood Vacuum
Tube

10ml×20×4
Internal Thread

15ml×10×4

50ml×4×4

250ml×4

Refrigerated Centrifuge, Large Capacity

CFGR-6Y

EAC CE FDA



Application

It is widely used in blood stations, pharmaceutical factories, biochemistry, biological products and other production and scientific research units, and is also an ideal instrument for blood separation, protein precipitation, and cell separation and collection.

Features

Accurate speed control

High torque brushless frequency conversion motor, maintenance-free, no dust, fast lifting speed.

The flexible shaft drive system directly drives the rotor to protect the motor, with precise speed control, stable operation, low vibration and low noise.

Precise temperature control using "Automatic thermostatic control system regulation technology".

Adopt imported custom-made fluorine-free compressor unit, high-quality copper tube wrapped in centrifugal cavity, full tin welding technology, double-circulation pipeline, improve refrigeration efficiency

Ergonomic and structural design

All-steel structure, 304 stainless steel centrifugal chamber, multi-layer protection design; three-stage vibration reduction, automatic balance function.

The door cover of the instrument is equipped with double hydraulic rods to reduce the operation load; the front operation panel, the door cover is opened backwards, which comfortable to operate.

Precise control by microcomputer processor, eye-catching red digital display, button programming;



High safety and reliability

Induction automatic electric suction door lock, and emergency door opening device; self-check and protection of door lock, over-speed, over-temperature, unbalance, etc., safe and reliable.

Aeronautical aluminum rotor, surface anti-corrosion, hardening treatment, high strength, fast heat conduction, improve experimental efficiency and protect sample temperature.

10 sets of common programs can be stored and recalled, 10 sets of acceleration rates and 10 sets of deceleration rates for users to choose flexibly to achieve the best centrifugal effect.



Specification

Model	CFGR-6Y
Max.Speed	6000r/min
Max. RCF	6600×g
Max.Capacity	6×1000ml
Speed Accuracy	±10r/min
Temperature Range	-20℃ ~ 40℃
Temperature Accuracy	±1℃
Timer	1~9h59min
Sound Emission	≤65dBA
Electricity	AC220/110V, 50/60Hz
Dimension(L*D*H)	800×740×930mm
Net Weight	310kg
Package Dimension(L*D*H)	1000×880×1350mm

Matched Rotors

Model	No.30298		No.30223
Rotor type	Swing Rotor	Swing Rotor	Angle rotor
Max. Speed(rpm)	4200	4200	6000
Max. Volume(ml)	6×1000ml(Round cup)	6×1200ml(Elliptic cup)	6×500ml
Max.RCF(×g)	5100×g	5100×g	6600×g
Blood bag adapter(12 bags of 200ml blood bags or 6 bags of 400-500ml blood bags)			

Low Speed Refrigerated Centrifuge, Benchtop

CFGR-B8B CFGR-B5B

EAC CE FDA

Features:

- ◆ The operation data can be set according to demands and stored automatically.
- ◆ 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.



- ◆ Microcomputer control, DC brushless motor, stable operation, low noise and high speed accuracy.
- ◆ Touching panel, programmable operation.
- ◆ LED display, user-friendly interface, simple and convenient operations.

Specifications

Model	CFGR-B8B	CFGR-B5B
Max speed	8000r/min	5000r/min
Max RCF	9100×g	4390×g
Max capacity	250ml×4	15ml×32
Speed accuracy	± 30r/min	
Time setting	1min~99min	
Temperature setting	-5 ~ +35 C	
Temperature accuracy	±1C	
Compressor unit	Imported refrigeration Units. Non-CFC R134a	
Noise	<65dB(A)	
Power supply	AC110V/60Hz AC220V/50Hz	
Dimension(L×W×H)	460mm×710mm×420mm	
Packing size(L×W×H)	580mm×730mm×520mm	
Net weight	80kg	

Microcentrifuge, Low Speed

CFG-5D

EAC CE FDA



Features:

- ◆ Speed range:300-5000rpm;
- ◆ Rotor speed can be set and displayed by RPM or G-force;
- ◆ Defined program by knob will be stored and activated when power on;
- ◆ Two programs P1/P2, easy to start the procedure by one key;
- ◆ Two deceleration speeds setting to meet different requirements;
- ◆ Easy-to-read processing display and sound alert;
- ◆ Automatic lid-lock release after running;
- ◆ Maintenance-free brush-less DC motor.



Available rotors

Cat. No.19500022
5ml adapter, Adapted to 13×75mm
blood collection tube



Available rotors

Cat. No.19500023
1.5/2ml Cryogenic Vials/ centrifuge
tube adapter

Specification

Model	CFG-5D
Speed Range	300-5000rpm, increment:10rpm
Max. RCF	2350xg, increment: 10g
Speed accuracy	±20rpm
Rotor capacity	6x15mL/10mL/7mL/1.5-5ml
Run Time	30sec-99min, HD (continuous running)
Display	LCD
Programs Memory	2
Acceleration/Deceleration	1↑ 2↓
Safety Devices	Door interlock, Overspeed detector, Automatic internal diagnosis
Motor	Brushless DC motor
Power	Single-phase, 100V-240V,50Hz/60Hz, 70W
Dimension(W×D×H)	300X240X180mm
Weight	5.2kg
Advanced features	Speed/RCF switch; sound-alert function

Microcentrifuge

CFG-Mini4B CFG-Mini6B



Description

- ◆ The patent of electrostatic technology, operation with ultra low noise.
- ◆ Microcomputer control, DC brushless motor, stable operation.
- ◆ The machine is durable, safe and reliable.

Specifications

Model	CFG-Mini4B	CFG-Mini6B
Speed Centrifuges	Low Speed Centrifuges	
Max speed	4000r/min	6000r/min
Max RCF	900×g	2000×g
Max capacity	0.2ml×2×8 1.5ml/0.5ml/0.2ml×6	
Noise	<48dB(A)	
Power supply	110V/60Hz 220V/50Hz	
Dimension(LxWxH)	189mm×161mm×122mm	
Packing size(LxWxH)	330mm×250mm×210mm	
Net weight	1kg	

Micro Centrifuge, Benchtop, Low Speed

CFG-Mini6R



Description

CFG-Mini6R-centrifuge standard configuration includes two rotors:

- ◆ 1.5ml rotors max accommodate 8x 1.5/2.0ml centrifuge tubes; if use randomly equipped with 0.2ml or 0.5ml tube sets, 0.2ml or 0.5ml tubes also can be used on this product.
- ◆ 2ml rotors accommodate 4×8 x0.2ml PCR special tubes.

Two kinds of rotor both can be used in experiments on micro centrifugation, cell separation and quickly separating from the test tube wall and etc.

Specification

Model	CFG-Mini6R
Dimension	160×150×125mm
Capacity(standard rotor)	8×1.5/2.0/0.5/0.2ml
Speed	6000rpm
Fuse	0.5A 250V
Power	≤50W
Max(RCF)	2000xg
Input voltage	AC100-240V, 50/60Hz
Capacity(8-strip rotor)ml	4×8×0.2 ml
Weight	0.9kg

Description

- ◆ Small volume, light weight
- ◆ 1.5ml rotors accommodate 8×1.5/2.0/0.5/0.2ml centrifugal test tubes.
- ◆ 8-place rotors accommodate 32×0.2ml centrifugal test tubes.
- ◆ Use flip type switch function, automatically stop when open the cover, the cover is made by composite material which in not easy broken.

Micro Centrifuge, Palm type

CFG-Mini5D CFG-Mini7M




Specifications

Model	CFG-Mini5D	CFG-Mini7M
Max. Speed	5000rpm	7000rpm
Max. RCF	1360×g	2680×g
Rotor Capacity	0.2/0.5/1.5/2.0mL×8;16×0.2mL	0.2/0.5/1.5/2.0mL×8; 32×0.2mL
	PCR strips or 2×0.2mL PCR 8 strips	PCR strips or 4×0.2mL PCR 8 strips
Run Time	Continuous operation	
Driving Motor	DC motor	
Power	AC100V-240V/50Hz/60Hz 20W	
Noise Level	≤45dB	
Dimension [D×W×H]	160mm×170mm×122mm	
Weight	0.5kg	
Certification	-	



Description

- ◆ Ideal for microfiltration and quick spin-down application.
- ◆ Easy to operate. Lid close, it begin to rotate.
- ◆ Compatible with 2mLx8 and PCR8x4 rotors.
- ◆ Quiet running, noise level ≤45Db.
- ◆ Quick-change rotor without any tool.
- ◆ Accelerates and brakes in seconds.
- ◆ Available in two colors i.e., green, blue.
- ◆ Safe, enduring and robust rotor with clamp locking design.



Available adapters



Cat. No. 19400029
0.2mL rotor adapter
8pcs/pk



Cat. No.19400026
0.5mL rotor adapter
8pcs/pk

Available rotors



Cat. No. 19400015
Max. speed: CFG-Mini5D:5000rpm, CFG-Mini7M:7000rpm
Max. RCF: CFG-Mini5D:1360xg, CFG-Mini7M:2680xg
Rotor capacity: 2mL/1.5mL×8,0.2mL×8,0.5mL×8
Rotor material: High strength plastic



Cat. No. 19200810
Max. speed: CFG-Mini5D:5000rpm, CFG-Mini7M:7000rpm
Max. RCF: CFG-Mini5D:1360xg, CFG-Mini7M:2680xg
Rotor capacity: 0.2 ml×32 PCR strips, 0.2 ml×4 PCR 8 strips
Rotor material: High strength plastic








Mini Centrifuge

CFG-Mini7E

EAC CE FDA



Features

-  Small volume, high capacity, low wind resistance, low heat rise.
-  Easy to operate with dual start/stop function. Close lid for a spin speed up to 7000 rpm.
-  Ultra-quiet, low vibration, smooth and quiet operation (sound emission ≤ 50 dB).
-  Safe, durable and robust rotor with clamp locking design.
-  Sophisticated design, quick-change rotor without any tool.
-  Accelerates and brakes in seconds.
-  Compatible with 2mLx8 and PCR8x4 rotors.

Application

This centrifuge is ideal for fast centrifugation, sample microfiltration, cell isolation and many other routine laboratory procedures.



Specification

Model	CFG-Mini7E
Max.Speed	7000rpm
Max.RCF	2680xg
Rotor Capacity	0.5/1.5/2.0mLx8;
	0.2mLx32 PCR tubes; 0.2mLx4 PCR 8 strips;
Running Time	Continuous operation
Driving Motor	DC motor
Sound Emission	≤ 50 dB
Electricity	AC100-240V, 50/60Hz, 20W
Ambient Temperature and Humidity	5-40 °C, 80%RH
Dimension(D*W*H)	156*166*121mm
N.W./G.W.	0.5kg/2kg
Shipping Dimension(D*W*H)	300*240*220mm

Clinical Centrifuge, Low Speed

CFG-4.5D



Features:

- ◆ Quick spin function with press and hold pulse key.
- ◆ Lid with electric lock and automatic release function saves processing time.
- ◆ Automatic self-diagnosis on startup, showing accumulative running time and last running parameters.
- ◆ Braking time 2 steps adjustable.




Features:


- ◆ Easy programming to achieve high accuracy of speed control.
- ◆ Easy operation with intuitive menu and easy-to-read display.
- ◆ Rotor speed can be set and displayed by RPM or G-force.
- ◆ Maintenance-free brush-less DC motor.



Available rotors Cat. No.19200921 and Cat. No.19100197 are not interchangeable



Cat. No.19200921
for CFG-4.5D & CFG-4D & CFG-4D-E
Max Speed: 4500rpm
Max RCF: 2490×g
Rotor Capacity: 8x15ml, 12x10ml
Rotor Material: High strength plastic



Cat. No.19100197
For CFG-4D(A6-50P)
Max Speed: 4000rpm
Max RCF: 1800×g
Rotor Capacity: 50ml×6 or 15ml×6
Rotor Material: High strength plastic

Specification

Model	CFG-4.5D
Speed Range	300-4500rpm, increment: 100rpm
Max RCF	2490×g
Speed Accuracy	±20rpm
Rotor Type	A12-10P, A6-50P
Run Time	30sec-99min HOLD (Continuous operation)
Motor	Brush-less DC motor
Display	LCD
Safety Devices	Door interlock; Over-speed detector; Automatic internal diagnosis
Acceleration/Braking time	A12-10P: 20s ↑ 13s ↓ A6-50P: 20s ↑ 20 s / 90 s ↓
Power	Single-phase, 100V-240V, 50Hz/60Hz, 3A 70W
Dimension(W×D×H)	354mm×304mm×215mm
Weight	6 kg
Advanced Features	Speed/RCF switch; Short-time run function; Sound-alert function
Package	Carton
Package Size	470mm*420mm*320mm
Gross Weight	9kg

Specifications

Available Tubes/v	Tube Quantity	Dimension (Φ×L, mm)	Maximum Speed(rpm)	Radius (cm)	Maximum RCF (×g)
15ml con	8	17×120	4500	11	2490
1.5-5ml vacu	12	13×75	4500	9.8	2218
4-7 ml vacu	12	13×100	4500	11	2490
		16×75	2218		2218
8.5-10 ml vacu	12	16×107	4500	11	2490
2.7-3 ml (EU) collection tube	12	11×66	4500	9.8	2218
7.5-8.2 ml (EU) collection tube	12	15×92	4500	11	2490



Note: Made of plastic, Cat. No.19200921 rotor cannot be autoclaved or applied with UV irradiation. Regular sterilization is recommended.

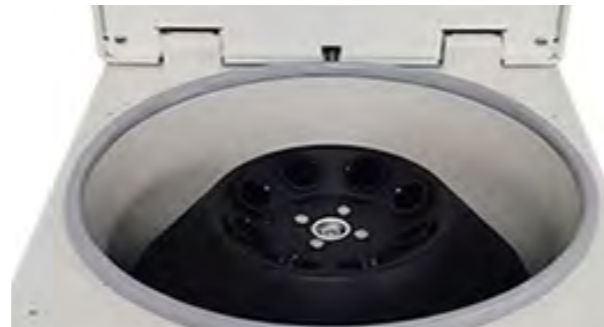
Clinical Centrifuge, Low Speed

CFG-4D CFG-4D-E



CFG-4D-E Features:

- ◆ Speed range of 300-4000rpm.
- ◆ 3 programs storage capacity for routine applications
- ◆ Automatic internal diagnosis.
- ◆ Maintenance free brushless DC motor.



CFG-4D Features:


- ◆ Max.speed 4000rpm.
- ◆ Rotor speed can be set in RPM/RCF, with 3 programs storage capacity for routine applications.
- ◆ Max.capacity 50ml×4, Accomo dating different sizes of blood collection tubes and centrifuge tubes suitable for swing out rotor and angle rotor.
- ◆ Automatic internal diagnosis and self-detection.
- ◆ Maintenance-free brushless DC motor.

Specifications


Model	CFG-4D	CFG-4D-E
Speed range	500-4000rpm increment: 100rpm	300-4000rpm increment: 100rpm
Max. RCF	2500×g	1900×g
Speed accuracy	±100rpm	±100rpm
Rotor	Swing6×15ml Swing4×50ml Angle 24×15 ml, Angle 12×10ml/8×15ml	Angel 8×15ml(Default), Angel 10ml×12
Run time	1-99min, HOLD	1-99min, HOLD
Motor	Brushless DC motor	Brushless DC motor
Display	LCD	LED
Program	Blood: 3200rpm,10min. Urine: 1800rpm,5min. Faecal: 1300rpm,10min.	Blood: 3200rpm, 10min Urine: 1800rpm,5min Faecal: 1300rpm, 10min
Safety Device	Automatic internal diagnosis	Automatic internal diagnosis
Acceleration/deceleration	3 ↑ 4 ↓ steps	25s ↑ 35s ↓
Power	Single phase, 100V-240V, 50Hz/60Hz	Single phase, 100V-240V, 50Hz/60Hz
Dimension(W×D×H)	364×440×268mm	286×367×227mm
Weight	14.5kg	9.2kg
Noise	≤62dB(A)	≤60dB(A)




Available adapters




Cat. No.19500024
50ml change 15ml adapter,
Adapted to 17×120mm centrifuge tube, 13/16×100mm blood
collection tube 4pcs/pk,for CAT. NO. 19400100



CAT. NO. 19500022
5ml adapter, Adapted to 13×75mm
blood collection tube 24 pcs/pk,
for CAT. NO. 19400100, CAT. NO. 19400082, CAT. NO. 19400101



CAT. NO. 19500021
15ml adapter for 17×120mm
centrifuge tube, 13/16×100mm blood collection tube 24 pcs/pk,
for CAT. NO. 19400082, CAT. NO. 19400101, CAT. NO. 19400084



CAT. NO. 19500023(Optional)
1.5/2ml Cryogenic Vials/ centrifuge
tube adapter, 24 pcs/pk, for CAT. NO. 19400100,
CAT. NO. 19400082, CAT. NO. 19400101, CAT. NO. 19200921, A6-50P



Available rotors

Rotors Model	Cat. No.19400082	Cat. No.19400100	Cat. No.19400101	Cat. No.19400084	Cat. No.19200921
Centrifuge model	CFG-4D	CFG-4D	CFG-4D	CFG-4D&CFG-4D-E	CFG-4D/CFG-4D-E DM0412/DM0412S
Capacity	15ml×6	50ml×4	15ml×24	15ml×8	15ml×8 , 10ml×2
Hole diameter(mm)	22	29.4	22	22.6	-
Hole Depth(mm)	97.7	87.8	97.7	90.8	-
Max. tube Height (mm)	120.6	125	120.6	120.3	-
Max. speed(rpm)	4000	4000	4000	4000	-
Rotor material	Aluminum alloy	Aluminum alloy	High strength plastic	High strength plastic	High strength plastic
Default adaptor	CAT. NO. 19500021, CAT. NO. 19500022	CAT. NO. 19500024, CAT. NO. 19500022	CAT. NO. 19500021, CAT. NO. 19500022	CAT. NO. 19500021	Cat. No. 19200921

Multi-Purpose Centrifuge

CFG-6D



Description

- ◆ CFG-6D Multi-Purpose Low-speed Centrifuge is ideal for the centrifugation of samples in clinical chemistry, cytology, research laboratories, industrial laboratories, etc.
- ◆ This centrifuge is suitable for tubes with caps, blood collection or urine tubes. Swing-out bucket rotors and adapters can be compatible with standard tubes up to 100mL at low speed.



Features:

- ◆ Speed range: 300- 6000rpm.
- ◆ Maximum capacity: 100 ml×4.
- ◆ 9 acceleration/10 brake speed settings to ensure optimal separation.
- ◆ A wide range of rotors optional (fixed angle and swing-out bucket rotors).
- ◆ Automatic rotor identification.
- ◆ Timers can be set up to 99 min or HD for continuous running.
- ◆ Pulse key for quick spin function.
- ◆ 9 procedures stored in memory makes the operation much simplified.
- ◆ Maintenance-free brushless DC motors.

Specification

Model	CFG-6D
Speed range	300-6000rpm increment:10rpm
Max. RCF	4020×g
Speed accuracy	±20rpm
Max. Capacity	100mLx4
Run Time	30sec-99mins/continuous
Motor	Brushless DC
Display	LCD
Program Memory	9
Safety Devices	Door Imbalance protection Over speed & Over temperature detection
Acceleration/Deceleration	9 ↑ /10 ↓ steps
Power	660W; Single-phase AC220V-240V, 50Hz/60Hz, 6.3A; AC110V-120V,50Hz/60Hz,10A
Dimension[W×D×H]	445mm×579mm×269mm
Weight	36 kg
Advanced features	speed/rcf switch; Rotor identification

Available rotors



CAT. NO. 19400062
CFG-6D
Max. speed: 4000rpm
Max. RCF: 2200×g
Rotor capacity: Micro-plates 384-PCR/96-PCR/Elisa plates×8pcs; Deep well plates×4pcs
Rotor material: stainless steel body and aluminum buckets



CAT. NO. 19400040 (round bottom)
CFG-6D
Max. speed: 4500rpm
Max. RCF: 3210xg
Rotor capacity: 15mL×30
Rotor material: aluminum body and stainless steel adapter Bio-safe (Bio-sealing): Yes

Available rotors

	<p>CAT. NO. 19400036 CFG-6D Max. speed: 6000rpm Max. RCF: 4020×g Rotor capacity: PCR 8 trips×12 Rotor material: aluminum Biosealing: Yes</p>		<p>CAT. NO. 19400034 CFG-6D Max. speed: 6000rpm Max. RCF: 4020×g Rotor capacity: 2mL×30 Rotor material: aluminum Biosealing: Yes</p>
	<p>CAT. NO. 19400037 CFG-6D Max. speed: 6000rpm Max. RCF: 4020×g Rotor capacity: 2mL×60 Rotor material: aluminum Biosealing: Yes</p>		<p>CAT. NO. 19400038 (cone button) CFG-6D Max. speed: 6000rpm Max. RCF: 4020×g Rotor capacity: 50mL×6 or 15mL×6 Rotor material: aluminum Biosealing: Yes</p>
	<p>CAT. NO. 19400035 (cone botton) CFG-6D Max. speed: 6000rpm Max. RCF: 4020×g Rotor capacity: 5mL×18 Rotor material: stainless steel body and aluminum buckets Biosealing: Yes</p>		<p>CAT. NO. 19400039 (round botton) CFG-6D Max. speed: 5000rpm Max. RCF: 3960×g Rotor capacity: 50mL×8 or 15mL×16 Rotor material: aluminum body and stainless steel adapter</p>

Available rotors

	<p>CAT. NO. 19400041 (Standard accessory) for CFG-6D Max. speed: 4000rpm Max. RCF: 2950×g Rotor material: stainless steel body and adapter</p>
	<p>Uncapping block</p>
	<p>CAT. NO. 19500025 15ml conical tube adapter, MOQ 8 Pcs (optional)</p>

Rotor	Capacity	Hole Diameter (mm)	Hole Depth (mm)	Max. Tube Height (mm)	Max. Speed (rpm)
CAT. NO. 19400034	2ml×30	11.2	39	43	6000
CAT. NO. 19400037	2ml×60	11.2	39	43	6000
CAT. NO. 19400038	50ml×6	31	87.8	118	6000
CAT. NO. 19400035	5ml×18	17.5	51	56	6000
CAT. NO. 19400039	50ml×8	35	85.8	118	5000
	15ml×16	17.5	98	123	
CAT. NO. 19400039	15ml×30	17.5	98	123	4500
CAT. NO. 119400062	Micro platex8/ Deep well platex4	-	-	-	4000

PRP Centrifuge

CFG-5B(PRP) CFG-4B(PRP)



Specifications

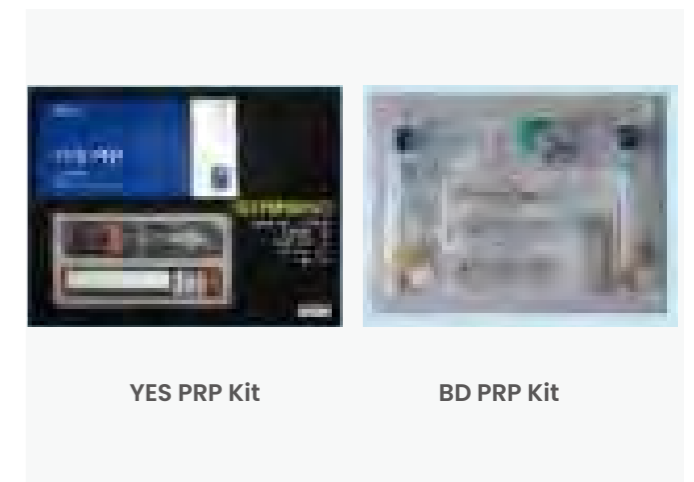
Model	CFG-5B(PRP)	CFG-4B(PRP)
Max speed	5000r/min	4000r/min
Max RCF	4100xg	2220xg
Max capacity	10ml /15ml/50ml swing rotor	7ml /15ml/20ml/50ml angle rotor
Speed accuracy	± 30r/min	
Time setting	1min~99min	
Noise	<65dB(A)	
Electricity	110V/60Hz 220V/50Hz	
Dimension(LxWxH)	410mmx490mmx310mm	330mmx420mmx280mm
Packing size(LxWxH)	500mmx580mmx400mm	430mmx520mmx390mm
Net weight	22kg	14 kg

Technical performance

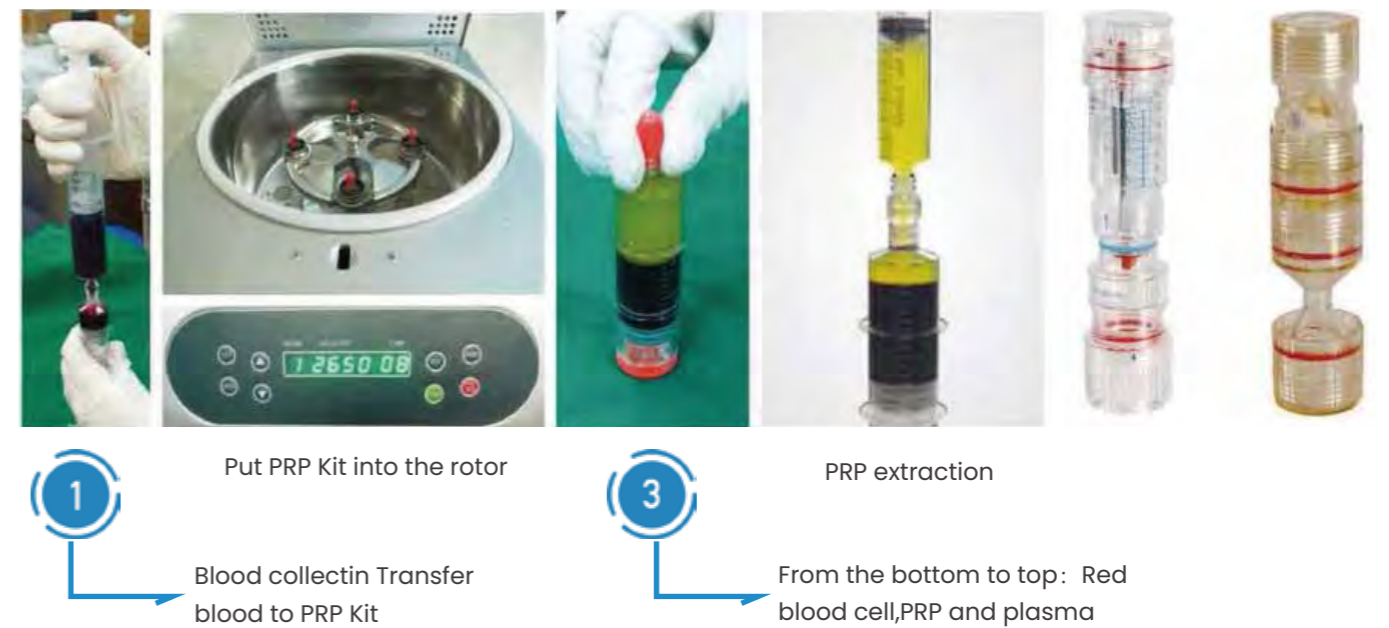
Microcomputer control, DC brushless motor, stable operation, low noise and high speed accuracy.
 LED or LCD display. user-friendly interface, simple and convenient operations.
 Various of PRP kit is available.
 Special program is made for PRP kit.
 The real-time conversation Of Speed and RCF is convenient for operation.
 It has self-locking device, lid safety device, over-speed safety device, and automatic alarm device, etc.



Rotor:



The PRP operation Demo:



Clinical Centrifuge, PRP

CFG-4.5D(PRP)

EAC CE FDA



Features:

- ◆ Passed the explosion-proof test / MCA test according to IEC/EN61010-2-20;
- ◆ Passed EN61010-2-101: 2 0 0 2 particular requirements for In-Vitro diagnostic (IVD) medical equipment;
- ◆ Maintenance-free brush-less DC motor.



- ◆ Max speed:4500rpm;
- ◆ Rotor speed can be set in RPM/RCF;
- ◆ Automatic lid-lock release after running;



- ◆ 3 pre-loaded programs for fast operation;
- ◆ 9 programs for customization can be stored in memory;
- ◆ Powerful CPU for easy operation of speed, time and all other parameters;
- ◆ Easy-to-read processing display and sound alert;



Specification

Model	CFG-4.5D(PRP)
Speed Range	300-4500rpm, increment:10rpm
Max. RCF	2490xg, increment: 10g
Speed accuracy	±10rpm
Rotor capacity	8x15ml,12x10mL/7mL/5mL
Run Time	30sec-99min
Motor	Brushless DC motor
Display	LCD
Preloaded Program	PRP:3480rpm, 5mins, PRF:2690rpm, 7mins, CGF: Step1 2700rpm 2mins, Step2 2400rpm 4mins Step3 2700rpm 4mins, Step4 3000rpm 3mins,
Custom Programs Memory	9 programs (6 steps for each program)
Safety Devices	Door interlock, Overspeed detector, Automatic internal diagnosis
Noise	≤56dB
Power	Single-phase, 100V-240V,50Hz/60Hz, 3A,70W
Dimension[W×D×H]	301X354X217mm
Weight	6kg
Advanced features	Speed/RCF switch; sound-alert function



Oil Test Centrifuge

CFG-4B(Oil)

CFG-5B(Oil)




Technical performance



Microcomputer control, electronic lock and AC variable-conversion motor, stable operation, low noise and high speed accuracy, which delivers high torque,

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, over-temperature safety device, imbalance safety device and automatic alarm device.

It has 10 files of acceleration and deceleration for your choice.

Specifications

Model	CFG-4B(Oil)	CFG-5B(Oil)
Max speed	4000r/min	5000r/min
Max RCF	4690×g	3850×g
capacity	100ml/200ml×4	10ml×36
Fitting Tubes Length	<195mm	≥195mm
Speed accuracy	± 50r/min	
Time setting	1min~99min	
Temperature Setting	20~80 ℃	
Temperature Accura	± 2 ℃	
Noise	<65dB(A)	
Power supply	220V/50Hz	
Dimension(LxWxH)	650mmx710mmx1100mm	
Packing size(LxWxH)	740mmx830mmx1300mm	
Net weight	140kg	

High Speed Centrifuge

CFG-16.5B



Description

It is suitable for experiments in biology, medicine, agriculture and other fields, and is the first choice for genetic gene, protein nucleic acid PCR experiments.

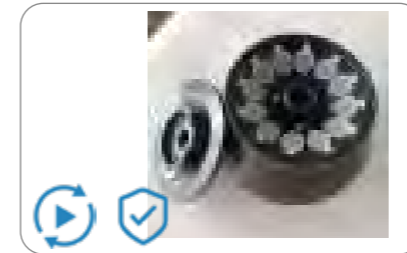
Specification

Model	CFG-16.5B
Max. Speed	16500r/min
Max. RCF	21500×g
Max.Capacity	6×50ml
Speed Accuracy	±20r/min
Time Setting	0~99h59min59s
Power Supply	AC 220V 50Hz 15A
Dimensions(L*W*H)	350×495×350mm
Net Weight	30kg

Advantages



- ◆ **Display:** 5-inch high-definition touch screen, easy to operate and intuitive display;
- ◆ **Scheme:** 15 groups of programs can be stored for users to use;
- ◆ **Performance:** AC variable frequency motor, high speed control precision, imported environmental protection compressor;
- ◆ **Convenience:** Free switching of speed and RCF



- ◆ **Safety Protection:** Automatically identify 7 different rotors to eliminate potential safety hazards caused by user misoperation;
- ◆ **Control:** It has 9 files of acceleration and 10 files of deceleration level, which can effectively prevent secondary suspension and have a good centrifugal effect.



- ◆ **Safety:** There are various protections such as overspeed, door protection, imbalance protection, etc. to ensure the safety of human and machine
- ◆ **Particularity:** Special air duct to ensure the rotor works under normal temperature;
- ◆ **Speciality :** Airtight rotor, effectively prevent aerosols

Suitable Rotors and Centrifugal Tubes

Rotor NO.	Max. Capacity	Max.Speed	Max. RCF	Dimension of Centrifugal Tube
No.1 Angle Rotor	12×1.5/2.2ml	16500r/min	18300×g	Φ10×42
No.2 Angle Rotor	24×1.5/2.2ml	14000r/min	18756×g	Φ10×42
No.3 Angle Rotor	48×0.5ml	12000r/min	13900×g	Φ8×32
No.4 Angle Rotor	30×1.5/2ml	14000r/min	13900×g	Φ10×42
No.5 Angle Rotor	12×5ml	12000r/min	10100×g	Φ13×53
No.6 Angle Rotor	6×50ml	13000r/min	15300×g	Φ29×105

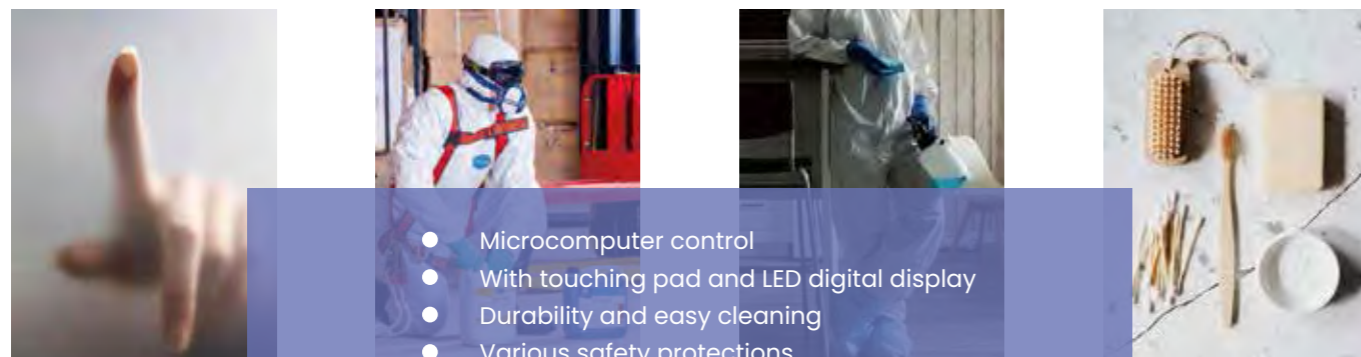
High speed centrifuge

CFG-16D







Description

- This series of centrifuges is a conventional laboratory centrifuge. They are applicable for the tests with small samples, many processes, large centrifugal force and little temperature requirement. They are widely used in the fields of biochemistry, genetic engineering, agriculture, farming, food safety, medicine and so on. Bench top low speed centrifuges for micro samples' fast separation and synthesis.



- Microcomputer control
- With touching pad and LED digital display
- Durability and easy cleaning
- Various safety protections
- Safety and reliability during running

Advantages

- 
Driving: Drived by maintenance-free brushless DC motor with high torque. It offers fast acceleration and dynamic brake and the powerful vibration absorbers make the motor run more steady.
- 
Display: Controlled by microcomputer with touching pad and LED digital display. The last program is stored automatically and RCF can be directly set.
- 
Body Structure: Premium steel housing for safety and reliability; stainless steel chamber for durability and easy cleaning.
- 
Safety Protection: Rotor recognition system. It contains various safety protections including lid locking and holding during rotor on, over speed, over temp., unbalance. The electronic lock ensures its safety and reliability during running.



Specification

Model	CFG-16D
Max. Speed	16000 r/min
Max. RCF	17800×g
Max. Capacity	10×5ml
No.16 Angle Rotor	18×0.5ml(16000r/min)RFC:17800×g
No.17 Angle Rotor	12×1.5/2.0ml(16000r/min)RFC:17800×g
No.26 Angle Rotor	8×5ml(13000r/min)RFC:10000×g
Speed Accuracy	±30r/min
Time Range	0~99min
Sound Emission	≤58dB
Motor	Brushless DC motor and microcomputer controlled
Electricity	AC 220V 50Hz 8A
Dimension (W*D*H)	330*280*215mm
Weight	15Kg

High Speed Centrifuge, Benchtop

CFG-18.5J CFG-21J



Universal centrifuge with selectable options (optional fixed-angle rotor, swing-bucket rotor, microplate rotor).
Microprocessor controlled centrifuge with variable speed and time setting.
Automatic imbalance detection with audible alarm & over speed protection.



Description

- ◆ LCD display for easy setting and readability across multiple parameters (rotor model, temperature, time, RCF and RPM).
- ◆ Soft touch key pad for parameters setting, special key for RCF.
- ◆ Double lids and double locks, lid locking and holding during rotor run for safe operation.
- ◆ User can set parameters when centrifuge is in operation (not program).
- ◆ Programmable-user can save and run up to 20 user-defined programs.

- ◆ Brush-less AC motor for maintenance free and long service
- ◆ Count down at set RPM & one touch short spin operation.
- ◆ The shortest acceleration/braking time less than 30s.
- ◆ Adjustable ramp & brake speeds (up to 15 speed selection).



Specifications

Model	CFG-18.5J	CFG-21J
Max. speed	18500 rpm	21000 rpm
Max. RCF	26019×g	30409×g
Max. capacity	12×10 mL	6×100 mL
Speed accuracy	±20 rpm	
Timer	1s-999min, continuous operation, one touch short spin operation	
Noise	≤ 60 dB	
Power supply	220V 50Hz 5A	
Weight	30 kg	45 kg
Dimensions (W×D×H)	330mm×390mm×325mm	380mm×450mm×390mm

Rotor configuration

Rotor model	Max. capacity	Parameter	CFG-18.5J	CFG-21J
H0.512	12×0.5 mL	Max. rpm	18500 rpm	21000 rpm
		Max. RCF	18366×g	23665×g
H0.524	24×0.5 mL	Max. rpm	18500 rpm	/
		Max. RCF	26019×g	/
H0212	12×1.5 mL/2.2 mL	Max. rpm	18500 rpm	20000 rpm
		Max. RCF	26019×g	30409×g
H0224	24×1.5 mL/2.2 mL	Max. rpm	14500 rpm	16500 rpm
		Max. RCF	19980×g	25871×g
H0236	36×1.5 mL/2.2 mL	Max. rpm	/	16000 rpm
		Max. RCF	/	24327×g
H0512	12×5 mL	Max. rpm	16500 rpm	16500 rpm
		Max. RCF	20240×g	20240×g
H1012	12×10 mL	Max. rpm	13200 rpm	14500 rpm
		Max. RCF	17532×g	21390×g
H0.136	36 pieces of capillaries	Max. rpm	12000rpm	12000rpm
		Max. RCF	16241×g	16241×g
H1508	8×15 mL	Max. rpm	/	12000 rpm
		Max. RCF	/	14489×g
	6×15 mL	Max. rpm	/	12000 rpm
		Max. RCF	/	14489×g
H3006	6×30 mL	Max. rpm	/	14500 rpm
		Max. RCF	/	20450×g
H5006	6×50 mL	Max. rpm	/	12000 rpm
		Max. RCF	/	16904×g
H8504	4×100 mL	Max. rpm	/	12000 rpm
		Max. RCF	/	16904×g
H0.548	48×0.5 mL	Max. rpm	/	16000 rpm
		Max. RCF	/	22324×g
H0.232	32×0.2 mL	Max. rpm	/	14000 rpm
		Max. RCF	/	14243×g
H8506	6×100 mL	Max. rpm	/	11000 rpm
		Max. RCF	/	14302×g
P5004 Swing out rotor	4×50 mL	Max. rpm	/	5000 rpm
		Max. RCF	/	3913×g
E4002	2×40	Max. rpm	/	5000 rpm
		Max. RCF	/	2375×g

High Speed centrifuge, Benchtop

CFG-16B



Specifications

Microcomputer control, DC brush-less motor, stable operation, low noise and high speed accuracy.



Specification

Model	CFG-16B
Max speed	16000r/min
Max RCF	17800×g
Max capacity	5ml×10
Speed accuracy	± 30r/min
Time setting	1min~99min
Noise	<65db(A)
Power supply	AC110V/60Hz AC220V/50Hz
Dimension(L×W×H)	230mm×310mm×240mm
Packing size(L×W×H)	290mm×400mm×330mm
Net weight	9kg

Rotor



No.1

NO.1
Capacity:
1.5ml/2.2ml×12
Speed: 16000r/min
RCF: 17800×g
Adapters:0.2ml、0.5ml



No.2

NO.2
Capacity: 5ml×10
Speed:13000r/min
RCF:11400×g
Adapter: 0.5ml、1.5ml



No.3

NO3
Capacity:
1.5ml/2.2ml×18
Speed:13200r/min
RCF:16110×g
Adapters:0.2ml、0.5ml

Technical performance

- ◆ Touching panel, programmable operation
- ◆ LED display, user-friendly interface, simple and convenient operations.
- ◆ The operation data can be set according to demands and stored automatically.
- ◆ 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.

High Speed centrifuge, Benchtop

CFG-18.5B



Specification

Model	CFG-18.5B
Max speed	18500r/min
Max RCF	23797×g
Max capacity	100ml×4
Speed accuracy	± 30r/min
Time setting	1min~99min
Noise	<65db(A)
Power supply	AC110V/60Hz AC220V/50Hz
Dimension(L×W×H)	330mm×420mm×280mm
Packing size(L×W×H)	430mm×520mm×390mm
Net weight	25kg

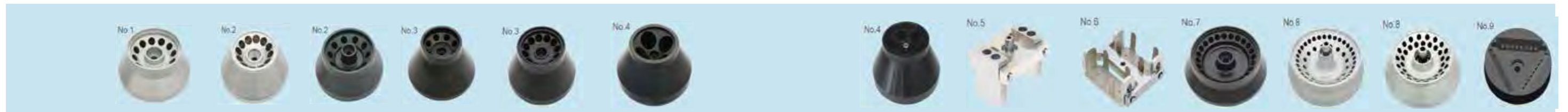


Features:

- ◆ Microcomputer control, DC brushless motor, stable operation and low noise.
- ◆ Touching panel, programmable operation
- ◆ LED Or LCD display, user-friendly interface, simple and convenient operations.
- ◆ The operation data can be set according to demands and stored automatically.
- ◆ 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 level for your choice.



Accessories Center



Model	NO.1	NO.2	NO.2	NO.3	NO.3	NO.4	NO.4	NO.5	NO.6	NO.7	NO.8	NO.8	NO.9
Capacity	1.5ml/2.2ml×12	5ml×10	5ml×12	10ml×12	15ml×8	50ml×6	100ml×4	10ml×4	2×48 well	1.5ml/2.2ml×24	0.5ml×36	0.5ml×4	3×8×0.2ml PCR
Max. speed	18500r/min	13000r/min	13000r/min	12000r/min	12000r/min	12000r/min	12000r/min	6000r/min	3000r/min	13200r/min	16000r/min	16000r/min	15000r/min
RCF	23797×g	11400×g	11400×g	14800×g	14800×g	13000×g	13000×g	3200×g	1400×g	16110×g	23669×g	23669×g	13800×g
Adapters	0.2ml、0.5ml	0.5ml、1.5ml	0.5ml、1.5ml	1.5ml、5ml	1.5ml、5ml	15ml、20ml	15ml、20ml	-	-	0.2ml、0.5ml	-	-	-

High Speed Centrifuge

Large Capacity, Benchtop

CFG-20.5B



Features:

- ◆ This multipurpose centrifuge has advanced and intelligent technology.
- ◆ Microcomputer control, LCD touching screen display.
- ◆ It has 10 files of acceleration and deceleration level for your choice.
- ◆ New electrical lock ensure the safety spin.
- ◆ There are over-speed safety device, over-temperature safety device and automatic alarm device.



Specification

Model	CFG-20.5B
Speed Centrifuge	High Speed Centrifuge
Max speed	20500r/min
Max RCF	29200×g
Max capacity	750ml×4
Speed accuracy	± 50r/min
Time setting	1min~99h 59min
Noise	<65db(A)
Power supply	110V/60Hz ,220V/50Hz
Dimension(L*W*H)	545mm×660mm×490mm
Packing size(L*W*H)	670mm×780mm×630mm
Net weight	72kg

Accessories Center

<p>NO.9</p> <p>Max Speed: 5000r/min Max. RCF:5030×g</p>	<p>50ml×2×4 Bucket</p>	<p>Adapters:1.5ml×2 5ml/7ml vacuum tube 5ml , 10ml , 15ml , 20ml</p>
	<p>15ml×8×4 Bucket</p>	<p>Adapters:1.5ml , 5ml 5ml/7ml vacuum tube 10ml</p>



Model	NO.1	NO.2	NO.3	NO.7	NO.8
Rotor capacity	1.5ml/2.2ml×12	10ml×12	50ml×6	1.5ml/2.2ml×24	100ml×4
Max. speed	20500r/min	15000r/min	13000r/min	16500r/min	11000r/min
Max. RCF	29200×g	23120×g	17940×g	24890×g	11720×g
Adapters	0.2ml,0.5ml	1.5ml,5ml	15ml,20ml	0.2ml,0.5ml	10ml,20ml

<p>No.4</p> <p>Rotor capacity:500ml×4 Max. RCF:4000r/min Max. RCF:3220×g</p>	<p>Bucket</p>	<p>1.5ml×25×4</p>	<p>5ml×28×4 Vacuum Tube</p>	<p>50ml×4×4</p>
	<p>500ml Bucket</p>	<p>10ml×20×4</p>	<p>15ml×10×4</p>	<p>250ml×4</p>
	<p>500ml Bottle</p>	<p>5ml/7ml×28×4 Vacuum Tube</p>	<p>15ml×8×4</p>	<p>20ml×9×4</p>
		<p>50ml×4×4</p>	<p>100ml×2×4</p>	<p>300ml×4</p>
<p>Name:Microplate Bucket Capacity:4×2×96 well</p>	<p>4×24×5ml Vacuum Tube</p>	<p>4×37×7ml GRIA Tubes</p>		

<p>No.4</p> <p>Rotor capacity:4×2×96 well Max. RCF:4000r/min Max. RCF:3040×g</p>	<p>4×2×96 well Microplate Bucket</p>	<p>1.5ml×25×4</p>	<p>5ml×28×4 Vacuum Tube</p>	<p>10ml×20×4 Internal Thread</p>
		<p>15ml×10×4</p>	<p>50ml×4×4</p>	<p>It is customizable</p>

<p>No.6</p> <p>Rotor capacity:250ml×4 Max. RCF:4300r/min Max. RCF:3582×g</p>	<p>250ml ×4</p>	<p>1.5ml×9×4</p>	<p>5ml×7×4</p>	<p>5ml/7ml×9×4 Blood Vacuum Tube</p>
	<p>750ml Bottle</p>	<p>10ml×7×4 Internal Thread</p>	<p>15ml×5×4</p>	<p>20ml×4×4</p>
		<p>50ml×4</p>	<p>100ml×4</p>	

High Speed Refrigerated Centrifuge

CFGR-16DR



Display:

Controlled by microcomputer with touching pad and visual digital display.

Driving:

Driven by brushless DC motor. It contains the soft brake to avoid resuspension for samples.

Cooling:

Totally CFC-free compressor with controlling valve.



Rotor:

With standby cooling, the rotor remains at the required temperature. Rotors are autoclavable at 121°C for 20 minutes.

Speed Control:

The acceleration time to the maximum rotational speed is approx. 14 s; The deceleration time from maximum rotational speed is approx 15 s.



Body Structure:

Premium steel shell; stainless steel chamber.

Safety Protection:

It contains various safety protections including lid locking and holding during rotor on, over speed, over temp. unbalance. The electronic lock ensures its safety and reliability during running.

Specification

Model	CFGR-16DR
Max. Speed	16000r/min
Max. RCF	17800×g
Max Capacity	6×50ml
No.6 Angle Rotor	12×1.5/2.0ml(16000r/min)RFC:17800×g
No.10 Angle Rotor	18×0.5ml(16000r/min)RFC:17800×g
No.13 Angle Rotor	24×1.5/2.0ml(13000r/min)RFC:16060×g
No.14 Angle Rotor	10×5ml(13000r/min)RFC:11500×g
No.19 Angle Rotor	12×10ml(12000r/min)RFC:14800×g
No.22 Angle Rotor	6×50ml(11000r/min)RFC:12460×g
No.25 Angle Rotor	48×0.5ml(13000r/min)RFC:14740×g
No.55 Swinging Rotor	2×48well(3000r/min)RFC:1400×g
Speed Accuracy	±50r/min
Timer Range	LED 1~99min/LCD 1s~99h59min59s
Temp. Range	-20℃~40℃
Temp. Accuracy	±1℃
Compressor	High-performance compressor with CFC-free refrigerant
Sound Emission	≤65dB
Motor	Brushless DC motor and microcomputer controlled
Electricity	AC 220V 50Hz 15A
Dimension (W×D×H)	600×580×370mm
Weight	95kg

Description

This series of centrifuges is an advanced intelligent instrument. As an ideal equipment for separation and concentration, it is widely used in the fields of biochemistry, medical care, food safety, life science, farming, stock breeding, blood bank, biological pharmacy and so on. It can be a high-technology replacement product for the imported one.

High Speed Refrigerated Centrifuge

CFGR-B16B



Description

It is suitable for experiments in biology, medicine, agriculture and other fields, and is the first choice for genetic gene, protein nucleic acid PCR experiments.

Specification

Model	CFGR-B16B
Max. Speed	16500r/min
Max. RCF	21500×g
Max.Capacity	6×50ml
Speed Accuracy	±20r/min
Time Setting	0~99h59min59s
Temperature Control Range	-20℃~40℃
Temperature Control Accuracy	±1℃
Compressor	Imported high-performance compressor unit, fluorine-free refrigerant
Power Supply	AC 220V 50Hz 15A
Dimensions(L*W*H)	350×495×350mm
Net Weight	50kg

Advantages



- ◆ **Display:**
5-inch high-definition touch screen, easy to operate and intuitive display;
- ◆ **Scheme:**
15 groups of programs can be stored for users to use
- ◆ **Performance:**
AC variable frequency motor, high speed control precision, imported environmental protection compressor
- ◆ **Convenience:**Free switching of speed and RCF



- ◆ **Safety Protection:**
Automatically identify 7 different rotors to eliminate potential safety hazards caused by user misoperation;
- ◆ **Control:**
It has 9 files of acceleration and 10 files of deceleration level, which can effectively prevent secondary suspension and have a good centrifugal effect.



- ◆ **Safety:**
There are various protections such as overspeed, door protection, imbalance protection, etc. to ensure the safety of human and machine
- ◆ **Particularity:**
Special air duct to ensure the rotor works under normal temperature
- ◆ **Speciality:** Airtight rotor, effectively prevent aerosols

Suitable Rotors and Centrifugal Tubes

Rotor NO.	Max. Capacity	Max.Speed	Max. RCF
No.1 Angle Rotor	12×1.5/2.2mL	16500r/min	18400×g
No.2 Angle Rotor	24×1.5/2mL	15000r/min	21380×g
No.3 Angle Rotor	32×1.5ml	13000r/min	19270×g
No.4 Angle Rotor	8×15mL	12000r/min	15370×g
No.5 Angle Rotor	12×5ml	12000r/min	10100×g
No.6 Angle Rotor	12×10ml	12500r/min	16060×g
No.7 Angle Rotor	6×50mL	11000r/min	13120×g
No.8 Angle Rotor	4×100mL	10000r/min	10620×g

High Speed Refrigerated Centrifuge, Benchtop

CFGR-B18B




Description

It is widely used in agriculture, medicine, food hygiene, biopharmaceuticals, bioengineering, cell biology and biochemistry, etc. It is suitable for the separation and purification of microbial cells, cell proteins, mold and immunity.

Specification

Model	CFGR-B18B	
Max. Speed	18500r/min	
Max. RCF	23800×g	
Max. Capacity	4×100mL	
Motor	AC frequency conversion motor	
Speed Accuracy	±30r/min	
Time Setting	Timed centrifugation	1min ~ 99 min 59sec
	Continuous centrifugation	Hold
Temperature Setting	-10℃ ~ +40℃	
Temperature Accuracy	±1.0℃	
Power Supply	AC220±22V 50/60Hz 16A	
Noise	< 55dB(A)	
Dimensions(L×D×H)	350×662×352(mm)	
Net Weight	50kg	



Advantages

- ◆ 5-inch high-definition touch screen, easy to operate and intuitive display
- ◆ 15 groups of programs can be stored for users to use;
- ◆ AC variable frequency motor, high speed control precision, imported environmental protection compressor
- ◆ Free switching of speed and RCF
- ◆ Automatically identify 9 different rotors to eliminate potential safety hazards caused by user misoperation;
- ◆ It has 9 files of acceleration and 10 files of deceleration level, which can effectively prevent secondary suspension and have a good centrifugal effect.
- ◆ There are various protections such as overspeed, door protection, imbalance protection, etc. to ensure the safety of human and machine
- ◆ Low noise:
The noise is close to silent at the highest speed;
- ◆ Sealed rotor for effective protection against aerosol.

Rotor

NO.	Max speed	Max RCF	Rotor Type	Capacity
NO.1	18500r/min	23820×g	Angle Rotor	12×1.5/2.2mL
NO.2	15000r/min	21530×g		24×1.5/2mL
NO.3	13000r/min	16400×g		48×0.5ml
NO.4	12000r/min	25358×g		8×15ml
NO.5	13500r/min	12830×g		12×5ml
NO.6	12500r/min	16060×g		12×10ml
NO.7	12000r/min	17930×g		6×50ml (Round/ Sharp)
NO.8	10000r/min	10740×g		4×100ml
NO.9	4000r/min	2000×g	Microplate Rotor	2x2x48 well plate

High Speed Refrigerated Centrifuge, Benchtop

CFGR-B20B



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.



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

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

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

Specification

Model	CFGR-B20B
Max speed	20000r/min
Max RCF	27800×g
Max capacity	100ml×4
Speed accuracy	± 30r/min
Time setting	1min~99h 59min / 1min~99min
Temperature setting	-20 ~ +40 °C
Temperature accuracy	±1 °C
Compressor unit	R404A
Noise	<65dB(A)
Power supply	AC110V/60Hz AC220V/50Hz
Dimension(L*W*H)	600mm×470mm×330mm
Packing size(L*W*H)	720mm×610mm×430mm
Net weight	50kg

Accessories Cente

	<p>NO.1 Capacity: 1.5ml/2.2ml×12 Speed:20000r/min RCF:27800×g Adapters:0.2ml、 0.5ml</p>		<p>NO.2 Capacity:1.5ml/2.2ml×24 Speed:16000r/min RCF:23755×g Adapters:0.2ml、 0.5ml</p>
	<p>NO.3 Capacity: 5ml×10 Speed: 16000r/min RCF:17280×g Adapters:0.5ml、 1.5ml</p>		<p>NO.3 Capacity: 5ml×12 Speed: 16000r/min RCF:17280×g Adapters:0.5ml、 1.5ml</p>
	<p>NO.4 Capacity: 2×48 well Speed:3000r/min RCF:1400×g</p>		<p>NO.5 Capacity:0.5ml×36 Speed:13000r/min RCF:16760×g</p>
	<p>NO.5 Capacity:0.5ml×48 Speed:13000r/min RCF:16760×g</p>		<p>NO.5 Capacity:10ml×12 Speed:13000r/min RCF:16760×g Adapters:1.5ml、 5ml</p>
	<p>NO.5 Capacity:15ml×8 Speed:13000r/min RCF:16760×g Adapters:1.5ml、 5ml</p>		<p>NO.6 Capacity: 50ml×6 Speed:12000r/min RCF:13000×g Adapters:15ml、 20ml</p>
	<p>NO.6 Capacity: 100ml×4 Speed:12000r/min RCF:13000×g Adapters:10ml、 20ml</p>		<p>NO.7 Capacity: 10ml×4 Speed:6000r/min RCF:3200×g</p>

High speed Refrigerated Centrifuge

CFGR-B21B



Description

It is suitable for experiments in biopharmaceuticals, pharmaceuticals, cell biology and other fields, for the isolation and purification of microbial organisms, cellular proteins, mycobacteria and immune.

Specification

Model	CFGR-B21B
Max. Speed	21000r/min
Max. RCF	31600×g
Max.Capacity	4×500ml
Speed Accuracy	±20r/min
Time Setting	0~99h59min59s
Temperature Control Range	-20℃~40℃
Temperature Control Accuracy	±1℃
Compressor	Imported high-performance compressor unit, fluorine-free refrigerant
Power Supply	AC 220V 50Hz 15A
Dimensions(L*W*H)	720×743×410mm
Net Weight	110Kg

Advantages



- ◆ **Display:**
5-inch high-definition touch screen, simple operation, intuitive display
- ◆ **Program:**
15 groups of programs can be stored for users to use
- ◆ **Control:**
It has 9 files of acceleration and 10 files of deceleration level, which can effectively prevent secondary suspension and have a good centrifugal effect



- ◆ **Security:**
Automatic identification of 7 different rotors, eliminate the user misuse of security risks
- ◆ **Performance:**
AC frequency conversion motor, high precision speed control
- ◆ **Convenience:**
Free switching of speed and RCF



- ◆ **Safety:**
There are various protections such as overspeed, door protection, imbalance protection, etc. to ensure the safety of human and machine
- ◆ **Particularity:**
Special air duct to ensure the rotor works under normal temperature;
- ◆ **Speciality:** Airtight rotor, effectively prevent aerosols.

Rotor

Rotor NO.	Max. Capacity	Max.Speed	Max. RCF	Dimension of Centrifugal Tube
No.1 Angle Rotor	12×2.2/1.5mL	21000r/min	31600×g	Φ10x42
No.2 Angle Rotor	12×2.2/1.5mL	16500r/min	26050×g	Φ10x42
No.3 Angle Rotor	12x5ml	16500r/min	19170×g	Φ13x53
No.4 Angle Rotor	12×10ml	15000r/min	20620×g	Φ16x83
No.5 Angle Rotor	6X50ml	13000r/min	12830×g	Φ29x120
No.6 Angle Rotor	6X100ml	10000r/min	11808×g	Φ37.9x119
No.7 Angle Rotor	8×50ml	10000r/min	11100×g	Φ29x106.5 (Round bottom)
No.8 Level Rotor	4*8*15ml	4000r/min	2810×g	Φ17x121
No.9 Level rotor	4*250ml	4000r/min	3500×g	Φ29x120
No.10 LevelRotor	4*500ml	4000r/min	3040×g	Φ80x137
No.11 Enzyme plate hanger rotor	2x2x96well plate	4000r/min	3040×g	-

High Speed Refrigerated Centrifuge, Benchtop

CFGR-18.5J CFGR-23J



- ◆ Stand-by function maintains the constant temperature.
- ◆ Adjustable ramp & brake speeds (up to 15 speed selection).
- ◆ Count down at set RPM & one touch short spin operation.
- ◆ Automatic imbalance detection with audible alarm & overspeed protection.
- ◆ The shortest acceleration/braking time less than 30s.
- ◆ Pre-cooling function, quick cooling function- rotor chamber attains 4°C from ambient temperature in 10 minutes.

Description

- ◆ LCD display for easy setting and readability across multiple parameters (rotor model, temperature, time, RCF and RPM).
- ◆ Soft touch keypad for parameters setting, special key for RCF.
- ◆ Double lids and double locks, lid locking and holding during rotor run for safe operation.
- ◆ User programmable-user can save and run up to 20 user-defined programs.
- ◆ User can set parameters when centrifuge is in operation (not program).



Specifications

Model	CFGR-18.5J	CFGR-23J
Max. speed	18500 rpm	23000 rpm
Max. RCF	26019×g	36795×g
Max. capacity	12×10 mL	6×100 mL
Speed accuracy	±20 rpm	
Temperature range	-20 C – 40 C	
Temperature accuracy	±1.0 C	
Timer	1s-999min, continuous operation, one touch short spin operation	
Noise	≤ 60 dB	
Power supply	220V 50Hz 10A	
Weight	70kg	95kg
Dimensions (W×D×H)	545mm×505mm×410mm	570mm×590mm×490mm

Description



- ◆ Whisper-quiet operation. Danfoss compressor.
- ◆ Brushless AC motor for maintenance free long life.
- ◆ Microprocessor controlled centrifuge with variable speed and time setting.
- ◆ Universal centrifuge with selectable options (optional fixed-angle rotor, swing-bucket rotor, microplate rotor).

Rotor configuration

Rotor model	Max. capacity	Parameter	CFGR-18.5J	CFGR-23J
H0.512	12×0.5 mL	Max. rpm	18500 rpm	23000 rpm
		Max. RCF	18366×g	28288×g
H0.524	24×0.5 mL	Max. rpm	/	18000 rpm
		Max. RCF	/	24631×g
H0212	12×1.5 mL/2.2 m	Max. rpm	18500 rpm	22000 rpm
		Max. RCF	26019×g	36795×g
H0224	24×1.5 mL/2.2 m	Max. rpm	15000 rpm	16500 rpm
		Max. RCF	21381×g	25871×g
H0236	36×1.5 mL/2.2 m	Max. rpm	12500 rpm	14000 rpm
		Max. RCF	148848×g	34237×g
H0512	12×5 mL	Max. rpm	14800 rpm	16500 rpm
		Max. RCF	16284×g	25871×g
H1012	12×10 mL	Max. rpm	13200 rpm	15000 rpm
		Max. RCF	17726×g	22891×g
H1508	8×15 mL	Max. rpm	/	12500 rpm (round bottom)
		Max. RCF	/	15721×g (round bottom)
H3006	6×30 mL	Max. rpm	/	15000 rpm
		Max. RCF	/	21885×g
H5006	6×50 mL	Max. rpm	/	13000 rpm
		Max. RCF	/	19838×g
H5008	8×50 mL	Max. rpm	/	12000 rpm
		Max. RCF	/	19320×g
H8504	4×100 mL	Max. rpm	/	12000 rpm
		Max. RCF	/	16904×g
H0.548	48×0.5 mL	Max. rpm	12500 rpm	16000 rpm
		Max. RCF	13625×g	22324×g
H0.232	32×0.2 mL	Max. rpm	12500 rpm	12000 rpm
		Max. RCF	11355×g	10464×g
H8506	6×100 mL	Max. rpm	/	12000 rpm
		Max. RCF	/	19320×g
Swing out rotor	4×50 mL	Max. rpm	/	5000 rpm
		Max. RCF	/	3913×g

Floor Standing High Speed Refrigerated Centrifuge

CFGR-24J CFGR-24JL




CFGR-24JL

- ◆ Microprocessor controlled centrifuge with variable speed and time setting. Universal centrifuge with selectable options (optional fixed-angle rotor, swing-bucket rotor, microplate rotor).
- ◆ Count down at set RPM & one touch short spin operation.
- ◆ Automatic imbalance detection with audible alarm & overspeed protection.

Description

- ◆ Silent operation. Danfoss compressor.
- ◆ Brush-less AC motor for maintenance free long life.
- ◆ Adjustable ramp & brake speeds (up to 15 speed selection).
- ◆ Count down at set RPM & one touch short spin operation.
- ◆ The shortest acceleration/braking time less than 30s.
- ◆ Stand-by function maintains the constant temperature.



CFGR-24J

Specifications

Model	CFGR-24J	CFGR-24JL
Max. speed	24000 rpm	24000 rpm
Max. RCF	36795×g	40217×g
Max. capacity	4×300 mL	4×750 mL
Speed accuracy	±20 rpm	
Temperature range	-20 C~40 C	
Timer	1 s-99 min, continuous operation, one touch short spin operation	
Noise	≤ 60 dB	
Weight	95 kg	150 kg
Dimensions (W×D×H)	570mm×590mm×490mm	600mm×790mm×890mm
Swing out rotor	4×300 mL, 4500 rpm, 3781×g	4×750 mL, 4200 rpm, 3550×g
Adapter1: (bucket)	4×250 mL, 4×100 mL, 12×50 mL (round bottom), 40×10 mL (round bottom), 16×20 mL (conical), 56×5 mL	4×500 mL, 4×250 mL, 12×100 mL (round bottom), 20×50 mL (conical), 56×15 mL/20 mL (round bottom), 76×15 mL, 96×5 mL, 144×5 mL
Microplate	2×2×96	



Description

- ◆ LCD display for easy setting and readability across multiple parameters (rotor model, temperature, time, RCF and RPM).
- ◆ Soft touch keypad for parameters setting, special key for RCF.
- ◆ Double lids and double locks, lid locking and holding during rotor run for safe operation.
- ◆ User can set parameters when centrifuge is in operation (not program).
- ◆ User programmable-user can save and run up to 20 user-defined programs. Pre-cooling function, quick cooling function- rotor chamber attains 4°C from ambient temperature in 10 minutes.



Rotor configuration

Rotor model	Max. capacity	Parameter	CFGR-24J	CFGR-24JL
H0.512	12×0.5 mL	Max. rpm	23000 rpm	24000 rpm
		Max. RCF	32625×g	32625×g
H0.524	24×0.5 mL	Max. rpm	18000 rpm	18000 rpm
		Max. RCF	24631×g	24631×g
H0212	12×1.5 mL/2.2 mL	Max. rpm	22000 rpm	23000 rpm
		Max. RCF	36795×g	40217×g
H0224	24×1.5 mL/2.2 mL	Max. rpm	16500 rpm	16500 rpm
		Max. RCF	25871×g	25871×g
H0236	36×1.5 mL/2.2 mL	Max. rpm	14000 rpm	14000 rpm
		Max. RCF	34237×g	34237×g
H0512	12×5 mL	Max. rpm	16500 rpm	16500 rpm
		Max. RCF	25871×g	25871×g
H1012	12×10 mL	Max. rpm	15000 rpm	15000 rpm
		Max. RCF	22891×g	22891×g
H1508	8×15 mL	Max. rpm	12500 rpm	12500 rpm
		Max. RCF	15721×g	15721×g
H30068	6×30 mL	Max. rpm	15000 rpm	15000 rpm
		Max. RCF	21885×g	21885×g
H5006	6×50 mL	Max. rpm	13000 rpm	13000 rpm
		Max. RCF	19838×g	19838×g
H8504	4×100 mL	Max. rpm	12000 rpm	12000 rpm
		Max. RCF	16904×g	16904×g
H0.548	48×0.5 mL	Max. rpm	16000 rpm	16000 rpm
		Max. RCF	22324×g	22324×g
H0.232	32×0.2 mL	Max. rpm	12000 rpm	12000 rpm
		Max. RCF	10464×g	10464×g
H8506	6×100 mL	Max. rpm	12000 rpm	12000 rpm
		Max. RCF	19320×g	19320×g

Floor-standing High Speed Refrigerated Centrifuge

CFGR-25BP CFGR-22BP CFGR-21BP



Description

- ◆ It has micro-computer control, electronic lock and AC variable-conversion motor which delivers high torque
- ◆ LED or LCD display, touching panel makes the operation easy
- ◆ It has self-locking device, over-speed safety device, over-temperature safety device, imbalance safety device and automatic alarm device.



Specifications


Model	CFGR-25BP	CFGR-22BP	CFGR-21BP
Max speed	25000rpm	22000rpm	21000rpm
Max RCF	64983xg	52000xg	50400xg
Max capacity	1000ml*4	600ml*6	500ml*6
Speed accuracy	± 50r/min		
Time setting	1min~99h59min		
Temperature setting	-20 ~ +40 °C		
Temperature accuracy	±1 °C		
Compressor unit	French Tecumseh Compressor Unit, R404a		
Noise	<65dB (A)		
Power supply	110V/60HZ, 220V/50HZ		
Dimension(L*W*H)	710mmx840mmx1140mm		
Packing size(L*W*H)	890mmx960mmx1400mm		
Net weight	280kg		

Description





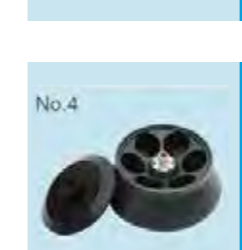

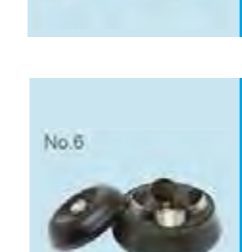

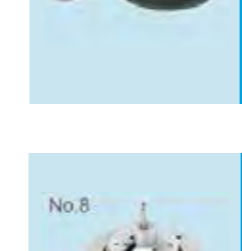
- ◆ The max speed is 25000rpm, and max RCF is 64983xg
- ◆ Imported compressor unit with Non-CFC.refrigerant. It measures up to environmental standards.
- ◆ The machine is programmable The operation data can be stored automatically
- ◆ The real-time conversation of Speed and RCF is convenient for operation
- ◆ It has 10 files of acceleration and deceleration level for your choice.

Rotor-CFGR-22BP/21BP Accessories Center

	NO.1 Capacity:1.5ml/2.2ml×36 Max Speed:22000r/min RCF:52000×g Adapters:0.2ml、 0.5ml		NO.1 Capacity: 10ml×16 Max Speed: 22000r/min RCF: 52000×g Adapters: 1.5ml、 5ml
	NO.1 Capacity:5ml×16 Speed: 22000r/min RCF:52000×g Adapters:0.5ml、 1.5ml		NO.2 Capacity:10ml×18 Speed: 21000r/min RCF: 50400×g Adapters:1.5ml、 5ml
	NO.3 Capacity: 50ml×6 Speed: 20000r/min RCF:43000×g Adapters:10ml、 20ml		NO.4 Capacity: 50ml×8 Speed: 18000r/min RCF:35047×g Adapters:10ml、 20ml

	<p>No.5</p> <p>NO.5 Capacity: 20ml×12 Speed: 16500r/min RCF:31100×g Adapters:5ml、10ml</p>		<p>No.6</p> <p>NO.6 Capacity: 15ml×32 Speed: 16000r/min RCF:30940×g Adapters:5ml、10ml</p>
	<p>No.7</p> <p>NO.7 Capacity: 70ml×6 Speed: 15000r/min RCF:25700×g</p>		<p>No.8</p> <p>NO.8 Capacity: 100ml/85ml×8 Speed: 14000r/min RCF:26952×g Adapters:10ml、20ml It is customizable</p>
	<p>No.9</p> <p>NO.9 Capacity: 250ml×6 Speed: 12000r/min RCF:22470×g Adapters:50ml、100ml It is customizable</p>		<p>No.10</p> <p>NO.10 Capacity: 300ml×6 Speed: 11000r/min RCF:19650×g Adapters:50ml、100ml It is customizable</p>
	<p>No.11</p> <p>NO.11 Capacity: 500ml/400ml×6 Speed: 9000r/min RCF:14400×g Adapters:50ml、100ml、250ml It is customizable</p>		<p>No.12</p> <p>NO.12 Continuous Flow Rotor Capacity: 1000ml Speed: 14000r/min RCF:21500×g Standard flow:200-600ml/min Material:Aluminum alloy Stainless Steel</p>
	<p>No.13</p> <p>NO.13 Continuous Flow Rotor Capacity: 3000ml Speed: 8000r/min RCF:9500×g Standard flow:200-800ml/min Material:Aluminum alloy Stainless Steel</p>		<p>No.14</p> <p>NO.14 Capacity: 600ml×6 Speed: 7000r/min RCF:9100×g Adapters:50ml、100ml、250ml It is customizable This rotor applies to CFGR-22BP only</p>

Rotor-CFGR-25BP Accessories Center

	<p>No.1</p> <p>NO.1 Capacity:5ml×10 Max Speed:25000r/min RCF:64983×g Adapters:0.5ml、1.5ml</p>		<p>NO.1</p> <p>Capacity: 1.5ml/2.2ml×24 Max Speed: 25000r/min RCF: 64983×g Adapters: 0.2ml、0.5ml</p>
	<p>No.2</p> <p>NO.2 Capacity:10ml×18 Speed: 23000r/min RCF: 60900×g Adapters:1.5ml、5ml</p>		<p>NO.3</p> <p>Capacity:50ml×8 Speed: 18000r/min RCF: 40930×g Adapters:10ml、20ml</p>
	<p>No.4</p> <p>NO.4 Capacity: 250ml×6 Max Speed: 14000r/min Max RCF: 30200×g Adapters: 50ml 100ml It is customizable</p>		<p>NO.5</p> <p>Capacity: 500ml/400ml×6 Speed: 10000r/min RCF:17800×g Adapters:50ml、100ml、250ml It is customizable</p>
	<p>No.6</p> <p>NO.6 Capacity: 1000ml×4 Speed: 7000r/min RCF:9980×g Adapters:100ml、250ml、300ml、500ml It is customizable</p>		<p>NO.7</p> <p>Continuous Flow Rotor Rotor Capacity: 1000ml Max Speed: 16000r/min Max RCF: 28100×g Standard flow: 200-600ml/min Material: Titanium alloy</p>
	<p>No.8</p> <p>NO.8 Continuous Flow Rotor Rotor Capacity: 3000ml Max Speed: 10000r/min Max RCF: 14800×g Standard flow: 200-800ml/min Material: Titanium alloy</p>		

High Speed Refrigerated Centrifuge

Floor standing, Large capacity

CFGR-12BP



Description

- ◆ It has micro-computer control, electronic lock and AC variable-conversion motor which delivers high torque
- ◆ LCD or LED display and touching panel makes the operation easy
- ◆ The real-time conversation of Speed and RCF is convenient for operation
- ◆ The max speed is 12000rpm and the largest capacity is 2000ml*4



Description

Imported compressor unit with Non-CFC.refrigerant It measures up to environmental standards

The machine is programmable The operation data can be stored automatically

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.



Specification

Model	CFGR-12BP
Max speed	12000r/min
Max RCF	19830xg
Max capacity	2000mlx4
Speed accuracy	± 50r/min
Time setting	1min~99h59min
Temperature setting	-20 ~ +40 °C
Temperature accuracy	±1 °C
Compressor unit	French Tecumseh Compressor Unit, R404a
Noise	<65dB(A)
Power supply	110V/60Hz 220V /50Hz
Dimension(L*W*H)	710mmx840mmx1140mm
Packing size(L*W*H)	890mmx960mmx1400mm
Net weight	290kg

Accessories Center

	NO.1 Capacity:100ml/85ml×8 Max Speed:12000r/min RCF: 19830×g Adapter rotor:10ml、 20ml		NO.2 Capacity: 1000ml×6 Max Speed: 7000r/min RCF: 11600×g Adapter: 100ml、 250ml、 300ml、 500ml
	NO.3 Capacity:2000ml×4 Speed: 6000r/min RCF: 8410×g Adapters:250ml、 300ml、 500ml、 1000ml		NO.4 Capacity: 500ml/400ml×6 Speed: 8000r/min RCF:11620×g Adapters:50ml、 100ml、 250ml

High Speed Refrigerated Centrifuge

Floor standing, Large Capacity

CFGR-20.5B




Features:

- ◆ The max speed is 20500rpm. and max RCF is 29200g.
- ◆ Imported compressor unit with Non-CFC refrigerant which measures up to environmental standards.
- ◆ The machine is programmable and operation data can be stored automatically
- ◆ It has self-locking device, over-speed safety device, over-temperature safety device, imbalance safety device and automatic alarm device
- ◆ The real-time conversation of speed and RCF is convenient for operation

Specification

Model	CFGR-20.5B
Max speed	20500r/min
Max RCF	29200xg
Max capacity	750mlx4
Speed accuracy	± 50r/min
Time setting	1min~99h59min/1min~99min
Temperature setting	-20 ~ +40°C
Temperature accuracy	±1°C
Compressor unit	French Tecumseh Compressor Unit, R404a
Noise	<65dB(A)
Power supply	110V/60Hz, 220V/50Hz
Dimension(L*W*H)	650mmx710mmx1100mm
Packing size(L*W*H)	740mmx830mmx1300mm
Net weight	170kg



It has micro-computer control, electronic lock and AC variable-conversion motor which delivers high torque. LCD and LED display touching panel, easy for operation

It has 10 files of acceleration and deceleration level for your choice

Accessories Center

Model	NO.1	NO.2	NO.3	NO.5	NO.8	NO.9
Rotor capacity	1.5mL/2.2ml×12	10ml×12	50ml×6	58×96well	1.5ml/2.2ml×24	100ml×4
Max. speed	20500r/min	15000r/min	13000r/min	4000r/min	16500r/min	11000r/min
Max. RCF	29200×g	23120×g	17940×g	2200×g	24890×g	11720×g
Adapters	0.2ml,0.5ml	1.5ml,5ml	15ml,20ml	-	0.2ml,0.5ml	10ml,20ml It is customizable

No.4	750ml Bucket	750ml Bottle	1.5ml×24×4	5ml/7ml×24×4 Blood Vacuum Tube	5ml/7ml×37×4 GRIA Tubes	10ml×20×4 Internal Thread	15ml×14×4	20ml×12×4	50ml×5×4	100ml×3×4	250ml×4	300ml×4	500ml×4
Rotor capacity:750ml×4 Max. RCF:4000r/min Max. RCF:3500×g													

No.6	4×2×96 well Microplate Bucket	1.5ml×25×4	5ml×28×4 Blood Vacuum Tube	10ml×20×4 Internal Thread
Rotor capacity:4×2×96 well Max. RCF:4000r/min Max. RCF:3040×g				
		15ml×10×4	50ml×4×4	It is customizable

No.7	500ml Bucket	500ml Bottle	1.5ml×20×4	5ml/7ml×20×4 Blood Vacuum Tube	10ml×15×4 Internal Thread	15ml×8×4	20ml×9×4	50ml×4×4	100ml×2×4	250ml×4
Rotor capacity:500ml×4 Max. RCF:4000r/min Max. RCF:3040×g										

Mini Centrifuge, High Speed

CFG-Mini15D



Description

- ◆ Speed up to 15000rpm (15100×g)
- ◆ Brush-less DC motor drive quickly to the target speed
- ◆ Quiet working, Low noise ≤54dB
- ◆ CFG-Mini15D is proven by IEC/EN 61010-1
- ◆ CFG-Mini15D passed the rigorous explosion-proof test according to IEC/ E/V 61010-2-20.

Specifications

Model	CFG-Mini15D
Max. Speed	15000rpm(500-15000rpm), increment: 100rpm
Max. RCF	15100×g, increment: 100×g
Speed Accuracy	±20rpm
Rotor Capacity	0.2mL/0.5mL/1.5mL/2mL×12
Run Time	30sec-99min/Continuous
Acceleration/Braking time	11s ↑ /9s ↓
Driving Motor	Brushless DC motor
Safety Devices	Door interlock, Over-speed detection, Over-temperature detection, Automatic internal diagnosis
Power	Single-phase, AC100V-240V, 50Hz/60Hz, 3A 100W
Noise level	≤54dB
Dimension[D×W×H]	255mm×245mm×140mm
Weight	6kg
Other functions	Speed/RCF switch, Short-time run function, sound-alert function



Available rotors



Cat. No.19500001
0.2mL rotor adapter
24 pcs/pk



Cat. No.19500002
0.5mL rotor adapter
24 pcs/pk

Available rotors



Cat. No.19400010
for CFG-Mini15D only
Capacity:2×12
Hole diameter: 11.2mm
Hole depth: 39mm
Max. tube length: 47mm
Max. speed: 15000rpm
Max. RCF: 15100×g
Rotor capacity: 2mL/1.5mL×12,0.2mL×12,0.5mL×12
Rotor material: High strength plastic
Available rotor adapters: A02P2, A05P2

Microcentrifuge

CFG-Mini10B



Description

- ◆ The patent of electrostatic technology, operation with ultra low noise.
- ◆ Microcomputer control, DC brushless motor, stable operation.
- ◆ The machine is durable, safe and reliable.

Specifications

Model	CFG-Mini10B
Speed Centrifuges	High Speed Centrifuges
Max speed	10000RPM
Max RCF	5000×g
Max capacity	0.2ml×2×8 1.5ml/0.5ml/0.2ml×6
Noise	< 48dB(A)
Power supply	110V/60Hz 220V/50Hz
Dimension(LxWxH)	189mm×161mm×122mm
Packing size(LxWxH)	330mm×250mm×210mm
Net weight	1kg

Micro centrifuge, high speed

CFG-Mini15R



Features:

- ◆ LCD provides a clear indication of time and rpm or RCF.
- ◆ RPM/RCF setting as required.
- ◆ The rotor is made of nylon material, with corrosion resistance, minimizes the temperature increases during long run at high speed.
- ◆ Acceleration and deceleration in just 14 seconds.
- ◆ Safety operation: rotor imbalance diagnostic; automatic stop.
- ◆ Motor overheating protection function.
- ◆ A separate momentary short button permits instant spin downs. Less sample heating (only 5°C after 30min, at max speed).
- ◆ A brushless motor provides noiseless performance and long service.

Specifications

Model	CFG-Mini15R
Capacity	12×1.5/2.0ml centrifuge tubes
Speed range	500~15000rpm
RCF range	16~15080xg
Timing range	15sec~99min59sec/∞
Acceleration	14sec(0~15000rpm)
Deceleration	14sec(15000~1000rpm)
Rotor imbalance diagnostic	Yes
Motor overheating protection function	Yes
Power	120W
Voltage	DC24V/5A
Dimension	255x194x140mm
Weight	2.3kg



Description

CFG-Mini15R High-speed Mini-centrifuge is a compact centrifuge capable of achieving centrifugal speeds up to 15000rpm, approximately 15080g. It is used for extracting RNA/DNA samples, sedimentation of biological components, biochemical and chemical analysis of micro samples. Automatic imbalance switch-off and locking of lid provide safe operation. The rotor accepts 1.5 to 2.0ml tubes directly, as well as 0.5ml and 0.2ml tubes with optional adapters.

Microcentrifuge, High-speed

CFG-15D CFGR-15D



Description

- ◆ Patent multi-flow air cooling design to provide air exchange to prevent chamber warming.
- ◆ Three-layer seal ensures air-tightness and biosafety.
- ◆ High strength aluminum alloy rotor can be fully auto-claved for unlimited service life.
- ◆ Four rotors are optional complete with 24 places 1.5/2.0ml tubes, bigger 5.0ml, smaller 0.2ml and 0.5ml tubes with adapters

CFG-15D Micro Centrifuge, High Speed

Specification

Model	CFG-15D
Max. Speed	15000rpm(200-15000rpm), increment: 10rpm
Max. RCF	21380×g, increment: 10×g
Speed Accuracy	±20 rpm
Rotor Capacity	5ml×18, 5mL culture tube×12 0.2ml/0.5ml/1.5ml/2ml×24, 0.5ml×36, PCR8×4
Run Time	30sec-99min/Continuous
Acceleration/Braking time (Sec)	25s ↑ 25s ↓
Motor	Brushless DC motor
Safety Devices	Dual door interlock, over-speed detection, automatic internal diagnosis
Power	Single-phase, AC200V-400V, 50Hz/60Hz, 5A, AC100V-120V, 50Hz/60Hz, 8A 200W
Noise Level	≤ 64dB
Dimension(W×D×H)	280mm×364mm×266mm
Weight	12 kg
Other functions	Speed/RCF switch; Short-time run function; sound-alert function



Description

- ◆ Advanced R290 fluorine free refrigerant, lowcarbon and environmental protection.
- ◆ Up to 9 program storage capacity according to experimental needs.
- ◆ Three-layer sealed rotors ensure air-tightness and biological
- ◆ High-strength aluminum alloy withstand numerous high temperature and high pressure sterilizations.
- ◆ Five rotors with 0.2mL, 0.5mL, 1.5mL, 2mL and 5mL centrifuge tubes/ PCR tubes capacity.
- ◆ Rotor imbalance detection alarm.

CFGR-15D Microcentrifuge, Refrigerated, High-speed

Specification

Model	CFGR-15D
Max. Speed	15,000rpm (200-15,000rpm) in 100rpm increments.
Max. RCF	21,380×g, step: 10×g
Capacity	1.5/2mL×24, 0.5mL×36, PCR8×4, 5mL×12, 5mL×18.
Temperature Setting	-20℃ - 40℃
Run Time	30s-99 min; HOLD (continuous running)
Acceleration and deceleration time	25s ↑ 25s ↓
Motor Type	DC brushless motor
Safety Performance	Dual door lock, over-speed detection, over-temperature detection with Internal diagnosis system.
Power Requirements	Single phase, 200-240V, 50Hz, 500W
Noise	≤56dB
Dimensions(mm)(W×D×H)	332× 553× 283
Weight	30 kg
Other functions	Rotation speed/RCF switchover, inching operation, running process indicator, sound alert. Acceleration/deceleration in 9 steps, program storage capacity.

CFGR-15D Description

Ergonomic electronic lock design, the centrifuge lid can be closed with single finger touch.

Sound indicator to prompt that the uppercover is closed to maintain the temperature inside the chamber, after centrifugation.

An external condensation tank prevents water accumulation within the centrifuge chamber.



Temp range: -20 C - 40 C, fast and powerful-cooling capacity, 7 minutes cooling from room temp to 4 C. Temp can kept at max speed.

Pre-cooling, the compressor will automatically start cooling as long as the set temperature is lower than the ambient temperature.

Available rotors CFG-15D, CFGR-15D



Rotors Model	CAT. NO. 19400069	CAT. NO. 19400071	CAT. NO. 19400072	CAT. NO. 19400012	CAT. NO. 19400032
Capacity	2×24	0.5×36	0.2×32	5×18	5×12
Hole diameter(mm)	11.2	8.2	6.5	13.7	17.5
Hole diameter(mm)	40.5	29.3	20.4	39	44
Max. tube length (mm)	54.2	36		56.5	
Max. speed	15000rpm				
Max. RCF	21380×g				
Rotor capacity	2mL/1.5mL×24/0.2mL×24/0.5mL×24	0.5mL×36,0.2mL×36	0.2mL/PCR8×4	5mL×18 (Round bottom)	5mL×12(Cone bottom)
Rotor material	Aluminum alloy				
Bio-safe (Bio sealing)	Yes				
Available rotor adapters	CAT. NO. 19500001, CAT. NO. 19500002	CAT. NO. 19500003	-		

Available rotors



Cat. No.19500001
0.2mL rotor adapter
24 pcs/pk



CAT. NO. 19500002
0.5mL rotor adapter
24pcs/pk



CAT. NO. 19500003
0.2mL rotor adapter
36pcs/pk

Micro Centrifuge, Refrigerated, High-Speed

CFGR-B16.5B CFGR-17B



Features:

This multipurpose centrifuge has advanced and intelligent technology.



Microcomputer control

LCD screen(CFGR-B16.5B)

LCD large touch screen(CFGR-17B)

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

Pre-programmed option and memory storage function.



New electrical lock ensure the safety spin.

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



Rotor automatic recognition.



Specifications

Model	CFGR-B16.5B	CFGR-17B
Max speed	16500r/min	17000r/min
Max RCF	21532×g	
Max capacity	1.5ml/2.2ml×36	
Speed accuracy	± 30r/min	
Time setting	1min~99h 59min	
Temperature setting	-20 ~ +40 °C	
Temperature accuracy	±1 °C	
Compressor unit	French Tecumseh Compressor Unit R134a	
Noise	<65db(A)	
Power supply	AC110V/60Hz AC220V/50Hz	
Dimension(L×W×H)	280mm×540mm×300mm	
Packing size(L×W×H)	480mm×670mm×585mm	
Net weight	30kg	

Description

The Benchtop micro high-speed refrigerated centrifuge is small in size and low in noise. There are not only micro rotors but also PCR strip tube rotors. It is suitable for a small amount of centrifugation in hospitals at all levels, scientific research units, and laboratories of colleges and universities.

Hematocrit Centrifuge

CFG-12D CFG-14D

EAC CE FDA



CFG-12D Features

Max. speed is 12000rpm, max. RCF 13680×g.
Precise control of speed and time separately.
Rotor capacity: Hematocrit rotor: 24 capillary.



CFG-14D Features


Speed range:200-14000rpm; Max RCF: 18620×g.
Precise control of speed and time separately.
Easy operation with intuitive menu and easy-to-read display.
Maintenance-free brush-less DC motors.
Pulse operation for quick spins.
Rotor capacity: Hematocrit rotor.
Hematocrit rotor: 24 capillary; Max. speed: 12000rpm.
Tube rotor: 1.5/2mL×24; Max. speed: 14000rpm.



Specifications

Model	CFG-12D	CFG-14D
Speed Range	500-12000rpm, increment: 100rpm	200-14000rpm, increment: 10rpm
Max. RCF	13680×g	18620×g
Speed Accuracy	±100	±20
Rotor Capacity	1 type	2 type
Run Time	10sec-99min/Continuous	30sec-99min/Continuous
Motor	Brush-less DC motor	Brush-less DC motor
Display	LCD	LCD
Safety Devices	Door interlock	Door interlock, Over speed detector; Automatic internal diagnosis; Automatic rotor identification
Acceleration/Braking time	40s ↑ 40s ↓	30s ↑ 30s ↓
Power	Single-phase, 200V-240V,50Hz/60Hz, 5A; 380W	Single-phase, 200V-240V,50Hz/60Hz, A; 100V-120V,50Hz/60Hz, 5A 160W
Dimension(W×D×H)	280mm×364mm×213mm	280mm×364mm×274mm
Weight	10kg	10kg
Certification	CE	CE
Advanced Features	Speed/RCF switch; Short-time run function; sound-alert function	Speed/RCF switch; Short-time run function; sound-alert function

Available rotors




CFG-14D
 Cat. No.19400013
 Max. speed: 14000rpm
 Max. RCF: 18620×g
 Rotor capacity: 2mL/1.5mL×24,0.2mL×24,0.5mL×24
 Rotor material: High strength plastic
 Available rotor adapters: A02P2,A05P2,A10P15 & Mat




CFG-14D & CFG-12D
 Cat. No.19400047
 Max. speed: 12000rpm
 Max. RCF: 13680×g
 Rotor capacity: capillary tubes×24
 Rotor material: High strength aluminum


Available adapters



Cat. No.119500001
 2mL to 0.2mL rotor adapter, used with A12-2,A12-2P, AS24-2 and CAT. NO. 19400013 rotors, 24pcs/pk



Cat. No.119500002
 2mL to 0.5mL rotor adapter, used with A12-2, A12-2P, AS24-2 and CAT. NO. 19400013 rotors, 24pcs/pk



Cat. No.119500003
 Rotor adapter, used with A12-10P, 12pcs/pk

Microhematocrit Centrifuge

CFG-12B (HCT)



Specifications

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



Technical performance

- Microcomputer control, brushless DC motor, stable operation, low noise.
- LED display, user-friendly interface, simple and convenient operations.
- 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.



Specification

Model	CFG-12B (HCT)
Max speed	12000r/min
Max RCF	13500×g
Max capacity	24 pieces of capillaries
Speed accuracy	± 30r/min
Time setting	1min~99min
Noise	<65db(A)
Power supply	110V/60Hz, 220V/50Hz
Dimension(L×W×H)	230mm×310mm×240mm
Packing size(L×W×H)	290mm×400mm×330mm
Net weight	9kg

Rotor



Plastic Readable Rotor
Capacity
24 pieces of capillaries
Speed: 12000r/min
RCF:13500×g

Cyto centrifuge

CFG-3B (Cyto)



Specifications

Model	CFG-3B (Cyto)	
Max speed	3000r/min	
Max RCF	730xg	
Max capacity	0.5mlx6	2ml x12
Speed accuracy	± 30r/min	
Time setting	1min~99min	
Noise	<65dB(A)	
Power supply	110V/60Hz ,220V/50Hz	
Dimension(LxWxH)	330mmx420mmx280mm	
Packing size(LxWxH)	430mmx520mmx390mm	
Net weight	14kg	22kg

Description

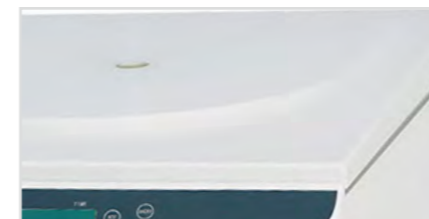
Cyto Centrifuge widely used in immune hematology laboratories, for erythrocyte serological experiments, antigens, antibodies and the determination of the results of the Coombs test, etc., is a hospital blood bank at all levels, the experiment Rooms, blood stations, medical schools and medical research institutions essential equipment.

Description



Microcomputer control, DC brush-less 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 display, user-friendly interface, simple and convenient operations.

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

Self-locking device, lid safety device, over-speed safety device, and automatic alarm device, etc.

Accessories Center



NO.1
Capacity:0.5ml×6
Max Speed:3000r/min
RCF:730×g



NO.2
Capacity: 2ml×12
Max Speed:3000r/min
RCF:730×g

Gel Card Centrifuge

CFG-4B (BT)



Application

This machine is used for blood routine examination, gel card and immunodetection.

Specification

Model	CFG-4B (BT)	
Number of micro-gel(six columns)	12cards	24cards
Max speed	2200r/min	2000r/min
Max RCF	540xg	
Speed accuracy	± 30r/min	
Time setting	1min~90min	
Noise	<65dB(A)	
Power supply	110V/60Hz ,220V/50Hz	
Dimension(LxWxH)	410mmx490mmx310mm	
Packing size(LxWxH)	500mmx580mmx400mm	
Net weight	22kg	

Technical performance



Microcomputer control, DC brush-less 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.

It has self-locking device, lid safety device, over-speed safety device, and automatic alarm device, etc.

The efficient program for blood gel cards and serum test

Accessories Center



NO.1
Capacity:12 gel cards
Max Speed:2200r/min
RCF:540×g



NO.2
Capacity: 24 gel cards
Max Speed:2000r/min
RCF:540×g

Blood cell washing centrifuge

CFG-4B (BW)



Application

- ◆ It has microprocessor control, DC brush-less motor.
- ◆ The SERO rotor is used for erythrocyte washing.
- ◆ The HLA rotor is for lymphocyte washing.



Accessories Center Rotor

Rotor	Key	RCF	Centrifugal Time	Use
HLA Rotor For Lymphocyte Washing	1	2000×g	180s	Lymphocyte separation incubated cell separation
	2	1000×g	3s	Hematob last exenterate(thrombin disposal)
	3	1000×g	60s	Lymphocyte Washing
SERO Rotor For Erythrocyte Washing	1	500×g	60s	Blood grouping, image of hemagglutination reaction
	2	1000×g	15s	Cross matching, and the testing of antistaphyloysin
	3	1000×g	60s	Hematocyte washing, the extraction of serum and plasma

Specifications

Model	CFG-4B (BW)	
Rotor type	HLA Rotor	SERO Rotor
Rotor Capacity	(0.25~1ml)×12	7ml×12
Max RCF	2000×g	1000×g
Drive	Microcomputer control, brushless DC motor drive	
Time range	Programmed timekeeping	
Noise	<60dB(A)	
Power supply	110V/60Hz 220V/50Hz	
Dimension(L×W×H)	330mm×420mm×280mm	
Packing size(L×W×H)	430mm×520mm×390mm	
Net weight	14kg	



Technical performance

Microcomputer control, DC brush-less 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 display, user-friendly interface, simple and convenient operations.
 The real-time conversation of speed and RCF is convenient for operation.
 Self-locking device, lid safety device, over-speed safety device, and automatic alarm device, etc.

Microplate Centrifuge, PCR

CFG-MP2R



Specifications

Model	CFG-MP2R
Rotating speed	2200~2800rpm
Timing range	15sec ~1min59sec
Max(RCF)	550xg
Acceleration time	≤10sec(0 to 2800rpm)
Brake time	≤4sec(2800rpm to 0)
Lid Open Auto Stop	Yes
Short Run	Yes
Capacity	2 PCR plates
Power	45W
Voltage	AC110~220V/50-60Hz
Fuse	250V/3A Φ5×20
Dimension	260x240x226mm
Weight	3.3Kg



Features:

- ◆ Easy to use, real-time display of all operating information.
- ◆ Countdown mode support.
- ◆ DC brushless motor, low noise, small interference, maintenance-free.
- ◆ When opening the cap will automatically stop running.
- ◆ Fast acceleration from standstill to maximum speed fully in just 10sec.
- ◆ Braking time is short, from the highest speed to a complete standstill in just 4sec.



Description

CFG-MP2R Centrifuge for Microplates is designed for quick spins of samples in PCR plates. Primarily designed for use with 96 or 384 well plates and small volumes, it accepts skirted, non skirted and semi-skirted styles.

1.5ml Centrifuge Tube

MCT-001-150 CT-002-15 CT-002-50

Centrifuge Tube

Centrifuge tubes are made of high-quality polypropylene (PP) and are mainly used for sample storage and centrifugation.



MCT-001-150 CT-002-15 CT-002-50

Key Features

Made of high-quality polypropylene (PP) material;
 RCF: 12000×g/13000×g;
 The tube body scale is clear;
 It can withstand 121℃/15psi high temperature an high-pressure sterilization;
 No DNase, no RNase, no pyrogen;
 Sterilized with gamma rays.



MCT-001-150 CT-002-15 CT-002-50

Specifications

Model	MCT-001-150	CT-002-15	CT-002-50
Item description	1.5ml centrifuge tube	15ml centrifuge tube	50ml centrifuge tube
Unit	box	bag	bag
Package info	500 tips/box, 10 boxes/carton	25 tips/bag, 20 bags/carton	25 tips/bag, 20 bags/carton