



LABORATORY HIGH SPEED CENTRIFUGE

LABORATORY HIGH SPEED CENTRIFUGE BET1BB3

HANDHELD CENTRIFUGES



- Delicate in appearance and small in volume, easy to operate and highly stable.
- Patented mute technology allows the machine to operate at ultra-low noise.
- Micro DC motors and carbon fiber rotors.

SPECIFICATIONS

Model	BET1BB3
Max speed	10,000r/min
Max RCF	5,000xg
Rotor configuration	6x1.5/0.5/0.2mL2x8x0.2mL
Dimensions (LxWxH)	170mmx150mmx130mm
Weight	1.25kg
Alt Name	Handheld Centrifuges

LABORATORY HIGH SPEED CENTRIFUGE BEW1N1

TABLETOP HIGH-SPEED CENTRIFUGE



It has micro-computer control, electronic lock and DC brushless motor which is low noise and high speed accuracy.

Digital LCD screen make visualized operation conveniently.

Up to 9 user programs storage meet more demands.

It has self-locking, over-speed detection, over-temperature detection, imbalance detection that is automatic alarm device.

It has 9 levels acceleration and 10 levels deceleration to be setting according to the different requirement. Slow down freely is available.

Silastic sealed ring comfort to GMP, US FDA certificated.

SPECIFICATIONS

Model	BEW1N1
Max speed	16500r/min
Max RCF	23669xg
Max capacity	4x100ml
Speed accuracy	±30r/min
Time setting	1s~99min59s
Noise	<65dB (A)

Power supply	AC110V/AC220V, 50Hz~60Hz
Consumption	750W
Dimension (LxWxH)	330mmx420mmx280mm
Packing size (LxWxH)	430mmx520mmx390mm
Net weight (No rotor)	20kg
Alt Name	Tabletop High-Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Angle rotor	Capacity: 12x1.5 ml / 2.2 ml Max Speed: 16500 r/min Max RCF: 18930 xg Adaptor: 0.2 ml, 0.5 ml
2	Angle rotor	Capacity: 10x5 ml Max Speed: 13000 r/min Max RCF: 11400 xg Adaptor: 0.5 ml, 1.5 ml
3	Angle rotor	Capacity: 12x5 ml Max Speed: 13000 r/min Max RCF: 11400 xg Adaptor: 0.5 ml, 1.5 ml
4	Angle rotor	Capacity: 12x10 ml Max Speed: 12000 r/min Max RCF: 14800 xg Adaptor: 1.5 ml, 5 ml
5	Angle rotor	Capacity: 8x15 ml Max Speed: 12000 r/min Max RCF: 14800 xg Adaptor: 1.5 ml, 5 ml
6	Angle rotor	Capacity: 6x50 ml Max Speed: 11000 r/min Max RCF: 13000 xg Adaptor: 15 ml, 20 ml
7	Angle rotor	Capacity: 4x100 ml Max Speed: 10000 r/min Max RCF: 11750 xg Adaptor: 10 ml, 20 ml
8	Swing rotor	Capacity: 4x10 ml Max Speed: 6000 r/min Max RCF: 3200 xg
9	Microplate rotor	Capacity: 2x48 Max Speed: 3000 r/min Max RCF: 1400 xg
10	Angle rotor	Capacity: 24x1.5 ml / 2.2 ml Max Speed: 13200 r/min Max RCF: 16110 xg Adaptor: 0.2 ml, 0.5 ml
11	Angle rotor	Capacity: 36x0.5 ml Max Speed: 16000 r/min Max RCF: 23689 xg
12	Angle rotor	Capacity: 48x0.5 ml Max Speed: 16000 r/min Max RCF: 23689 xg
13	Angle rotor	Capacity: PCR 3x8x0.2 ml Max Speed: 15000 r/min Max RCF: 13800 xg

14	Angle rotor	Capacity: 48x1.5 ml Max Speed: 12000 r/min Max RCF: 15696 xg Adaptor: 0.2 ml, 0.5 ml
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LABORATORY HIGH SPEED CENTRIFUGE BFD1BE1

BENCHTOP HIGH SPEED CENTRIFUGES



SPECIFICATIONS

Model	BFD1BE1
Old Model	BCMI-513
Max. RCF	21 630 Xg
Max. Speed	15 000 rpm
Max. Capacity	12 x 5 ml
Running Time	1 min - 99 min : 59 s, Pulse
Drive System	Direct, induction motor drive
Speed Accuracy	± 20 r/min
Programs	12 user-defined
Accel/Decel Profiles	10/10
Temp. Control System	Unique cooling system enable the temperature rising of the centrifuge chamber less than 12°C after 20 minutes centrifugation.
Noise Level	≤ 58 dB(A)

Power Supply	AC 200-240 V, 50/60 Hz or AC 100-127 V, 50/60 Hz
Max. Power Consumption	500 W
Dimension (W x D x H)	11.8 x 14.3 x 10.2 in / 30 x 36.5 x 26 cm
Weight w/o Rotor	40 lb / 18 kg
Alt Name	Benchtop High Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Rotor Capacity (places x volume, ml)	Tube Size (ΦxL in mm)	Max Speed (rpm)	Max RCF (g)
1	No.1 Fixed-Angle Rotor	24 x 1.5/2.0 ml (with adapters for 0.2/0.5ml tube)	Φ11 x 42	15 000 rpm	21 630 Xg
2	No.2 Fixed-Angle Rotor	4 x PCR-strips	-	15 000 rpm	19 600 Xg
3	No.3 Fixed-Angle Rotor	12 x 5 ml	Φ14 x 54	15 000 rpm	18 240 Xg



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LABORATORY HIGH SPEED CENTRIFUGE BFH1CH1

TABLE TOP HIGH SPEED CENTRIFUGE



- 1.Brushless frequency motor,in great torque, free maintenance, no powder pollution, quick in speed up and down.
- 2.Microprocessor control
- 3.Digital display in time, speed and RCF.
4. 10 kinds of accelerating and decelerating speed for your choice.
5. Automatically electric lid lock, over speed, over temperature protection and imbalance protection.
- 6.High quality steel centrifuge body , stainless steel chamber, 3 tiers protection,safe and reliable.
7. Rotor is connected to spindle by specialized taper sleeve, loading simple and quick, no direction.

SPECIFICATIONS

Model	BFH1CH1
Old Model	BCBH-402
Max. Speed	18500rpm
Max. RCF	23990xg
Max. Capacity	6x100ml
Time Range	0~99min59sec
RPM/RCF Convert	Yes
Noise	≤ 65dBA
Speed Accuracy	±20rpm
Acc/Dec	10 Kinds
Temperature range	-20°C-40°C
Temperature Accuracy	±1°C
Power supply	AC 220V/110V 50HZ/60HZ

Size (W x D x Hmm)	513x370x320mm
Net Weight(Kg)	42KG
Certificates	CE,ISO & Calibration report are available
Alt Name	Table Top High Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Max speed (rpm)	Max Volume (ml)	Max RCF (g)
1	Angle rotor	14000	4x8PCR	12070
2	Angle rotor	13000	6x8PCR	16080
3	Angle rotor	14000	8x8PCR	13390
4	Angle rotor	13000	12x8PCR	17220
5	Angle Rotor	15000	30x0.5ml	18510
6	Angle Rotor	14000	40x0.5ml	19970
7	Angle Rotor	18500	12x1.5/2ml	23990
8	Angle Rotor	15000	24x1.5/2ml	20600
9	Angle Rotor	13500	30x1.5/2ml	19340
10	Angle Rotor	11000	48x1.5/2ml	12840
11	Angle Rotor	15000	16x5ml	19350
12	Angle Rotor	14000	12x7ml	16370
13	Angle Rotor	14000	6x10ml	16460
14	Angle Rotor	12000	12x10ml	14510
15	Angle Rotor	10000	12x15ml	11840
16	Angle Rotor	5000	24x15ml	3080
17	Angle Rotor	5000	30x15ml	3830
18	Angle Rotor	12000	8x20ml	14510
19	Angle Rotor	12000	6x30ml	14000
20	Angle Rotor	12000	6x50ml	16050
21	Angle Rotor	7000	8x50ml	10810
22	Angle Rotor	10000	6x100ml	11380
23	Angle Rotor	10000	4x100ml	10310

LABORATORY HIGH SPEED CENTRIFUGE BFA1T1

MINIATURE HIGH-SPEED CENTRIFUGE

Miniature High-speed Centrifuge has compact appearance design with high rotor speed and low noise. It is streamline elegant with small size. With variable frequency motor, has excellent acceleration to achieve target speed / stop to save time.



Compact and small size, save space.

Powerful brushless DC motor, maintenance-free, fast drive, ultra-quiet operation, low noise.

To achieve max. speed 15000rpm (Max. RCF15000xg) or stop from max. speed, it costs about 15s.

Highlight LCD displays speed and timing.

The rotor is made of aluminium alloy, chemical attack resistant, and can resist dry heat sterilization many times.

"Short" key makes "touch to operate" easy and convenient.

Excellent fluid air exchange technology. The unique three air flues design utmostly lower the temperature rising. Protect samples sensitive to temperature.

Self-locking function, cover can not be open while operating.

SPECIFICATIONS

Model	BFA1T1
Old Model	BCMI-507
Speed Range	500 ~15000rpm (increment: 100rpm)
Max. RCF	15000xg
Max. Sample Capacity	2ml/1.5mlx12
Time Range	20sec ~99min
Acceleration to Max. Speed	around 15s
Deceleration to Stop	around 15s
Drive motor	Brushless DC motor
Safety	self-lock, over-speed, over-temp., status diagnosis system
Other Functions	speed/RCF switch, touch operation, operating status display, alert
Power	150W
Fuse	250V, 5A/10A, $\Phi 5 \times 20$
Voltage	AC220~230V / AC110~120V, 50/60Hz
Dimension (WxDxH)	220 x 240 x 145mm
Net Weight	5.1kgs
Alt Name	Miniature High-speed Centrifuge

ACCESSORIES FOR PURCHASE

No	Name
1	No trouble to put tubes in
2	Metal rotor + Safety cover



1



2

FEATURES

Compact and small size, save space.

Powerful brushless DC motor, maintenance-free, fast drive, ultra-quiet operation, low noise.

To achieve max. speed 15000rpm (Max. RCF15000xg) or stop from max. speed, it costs about 15s.

Highlight LCD displays speed and timing.

The rotor is made of aluminium alloy, chemical attack resistant, and can resist dry heat sterilization many times.

"Short" key makes "touch to operate" easy and convenient.

Excellent fluid air exchange technology. The unique three air flues design utmostly lower the temperature rising. Protect samples sensitive to temperature.

Self-locking function, cover can not be open while operating.

Press the key to open the cover after operation. Safe and reliable.

Aluminium rotor and plastic rotor (customized) are optional.

Aluminium rotors can resist heat disinfection but lower acceleration.

Plastic acceleration speed is faster but is not available for heat disinfection.

LABORATORY HIGH SPEED CENTRIFUGE BEW101 BEW102

TABLETOP HIGH-SPEED AND HIGH-CAPACITY CENTRIFUGE



The max speed is 18500 rpm, and the largest capacity of swing rotor is 4x500 ml. It has micro-computer control, electronic lock and DC brushless motor which is low noise and high speed accuracy.

Digital LCD screen make visualized operation conveniently.

Automatic rotor recognition make safety for multiple rotors choice. (Option)

Up to 9 user programs storage meet more demands.

It has self-locking, over-speed detection, over-temperature detection, imbalance detection that is automatic alarm device.

It has 9 levels acceleration and 10 levels deceleration to be setting according to the different requirement. Slow down freely is available.

Silastic sealed ring comfort to GMP, US FDA certificated.

SPECIFICATIONS

Model	BEW101	BEW102
Old Model		BCBL-106
Max speed	18500r/min	5000r/min
Max RCF	23797xg	5030xg
Max capacity	4x500ml	
Speed accuracy	±10r/min	
Time setting	1min~99min59s	
Noise	<65dB(A)	
Power supply	AC110V/AC220V, 50Hz~60Hz	
Consumption	750W	
Dimension (LxWxH)	465mmx560mmx380mm	
Packing size (LxWxH)	560mmx650mmx470mm	
Net weight (No rotor)	50kg	
Alt Name	Tabletop High-Speed and High-Capacity Centrifuge	PRP Centrifuge

ACCESSORIES FOR PURCHASE BEW101

No	Name	Description
1	Angle rotor	Capacity: 12x1.5 ml / 2.2 ml Max Speed: 18500 r/min Max RCF: 23797 xg Adaptor: 0.2 ml, 0.5 ml
2	Angle rotor	Capacity: 10x5 ml Max Speed: 13000 r/min Max RCF: 11400 xg Adaptor: 0.5 ml, 1.5 ml
3	Angle rotor	Capacity: 12x5 ml Max Speed: 13000 r/min Max RCF: 11400 xg Adaptor: 0.5 ml, 1.5 ml
4	Angle rotor	Capacity: 12x10 ml Max Speed: 12000 r/min Max RCF: 14800 xg Adaptor: 1.5 ml, 5 ml
5	Angle rotor	Capacity: 8x15 ml Max Speed: 12000 r/min Max RCF: 14800 xg Adaptor: 1.5 ml, 5 ml
6	Angle rotor	Capacity: 6x50 ml Max Speed: 12000 r/min Max RCF: 13000 xg Adaptor: 15 ml, 20 ml
7	Angle rotor	Capacity: 4x100 ml Max Speed: 12000 r/min Max RCF: 13000 xg Adaptor: 10 ml, 20 ml
8	Angle rotor	Capacity: 24x1.5 ml / 2.2 ml Max Speed: 13200 r/min Max RCF: 16110 xg Adaptor: 0.2 ml, 0.5 ml
9	Angle rotor	Capacity: 36x0.5 ml Max Speed: 16000 r/min Max RCF: 23689 xg
10	Angle rotor	Capacity: 48x0.5 ml Max Speed: 16000 r/min Max RCF: 23669 xg
11	Angle rotor	Capacity: 48x1.5 ml Max Speed: 13000 r/min Max RCF: 18505 xg
12	Swing rotor	Capacity: 4x250 ml Max Speed: 4000 r/min Max RCF: 3200 xg
13	Adapter	250 ml Bucket
14	Adapter	250 ml PE Bottle
15	Adapter	4x9x1.5 ml
16	Adapter	4x7x5 ml
17	Adapter	4x9x5/7 ml (Blood Vacuum Tube)
18	Adapter	4x7x10 ml (Internal Thread)
19	Adapter	4x6x15 ml
20	Adapter	4x4x20 ml
21	Adapter	4x50 ml

22	Adapter	4x100 ml
23	Microplate Bucket	Capacity: 2x2x96 Max Speed: 4000 r/min Max RCF: 2200 xg
24	Swing rotor	Capacity: 4x500ml Max Speed: 4000r/min Max RCF: 3220xg
25	Adapter	4x14x5ml / 7ml (Aerosol Cover, Option)
26	Adapter	4x19x5ml / 7ml (Aerosol Cover, Option)
27	Adapter	4x24x7ml Blood Vacuum Tube
28	Adapter	Microplate Bucket (4x2x96, Thickness $\leq 15.5\text{mm} \times 2$)
29	Swing rotor	Capacity: 4x500ml Max Speed: 4000r/min Max RCF: 3220xg
30	Adapter	500ml Bucket
31	Adapter	500ml PE Bottle
32	Adapter	4x18x1.5ml
33	Adapter	4x19x5ml / 7ml Blood Vacuum Tube
34	Adapter	4x14x10ml Internal Thread
35	Adapter	4x9x15ml
36	Adapter	4x7x20ml
37	Adapter	4x3x50ml
38	Adapter	4x100ml
39	Adapter	4x250ml
40	Adapter	Square Bucket
41	Adapter	4x25x1.5ml
42	Adapter	4x28x5ml Blood Vacuum Tube
43	Adapter	4x20x10ml Internal Thread
44	Adapter	4x10x15ml
45	Adapter	4x4x50ml
46	Adapter	4x250ml
47	Swing rotor	Max Speed: 4000r/min Max RCF: 3200xg
48	Adapter	4x4x15 ml 1.5 ml, 5 ml, 7 ml, 10 ml
49	Adapter	4x8x15 ml 1.5 ml, 5 ml, 7 ml, 10 ml
50	Adapter	4x6x15 ml 1.5 ml, 5 ml, 7 ml, 10 ml
51	Adapter	4x2x50 ml 2x1.5 ml 5 ml, 7 ml 10 ml, 15 ml, 20 ml
52	Swing rotor	Capacity: 8x50 ml Max Speed: 5000 r/min Max RCF: 5030 xg
53	Adapter	4x2x50ml 8x2x1.5 ml 8x5 ml / 7 ml 8x10 ml 8x15 ml 8x20 ml

54	Swing rotor	Max Speed: 4000 r/min Max RCF: 3200 xg
55	Adaptors	4x12x7 ml
56	Adaptors	4x6x15 ml
57	Adaptors	4x9x15 ml
58	Adaptors	4x50 ml
59	Adaptors	4x2x50 ml
60	Adaptors	4x100 ml
61	Swing rotor	Capacity: 4x18x7 ml Max Speed: 4000 r/min Max RCF: 3200 xg
62	Adaptors	4x18x7 ml
63	Swing rotor	Capacity: 4x500 ml (Conical) Max Speed: 4000 r/min Max RCF: 3310 xg
64	Adaptors	500 ml
65	Adaptors	4x500 ml
66	Adaptors	4x250 ml
67	Adaptors	4x4x50 ml
68	Adaptors	4x7x15 ml
69	Swing rotor	Capacity: 4x250 ml (Conical) Max Speed: 4000 r/min Max RCF: 3310 xg
70	Adaptors	250 ml
71	Adaptors	4x50 ml
72	Adaptors	4x4x15 ml



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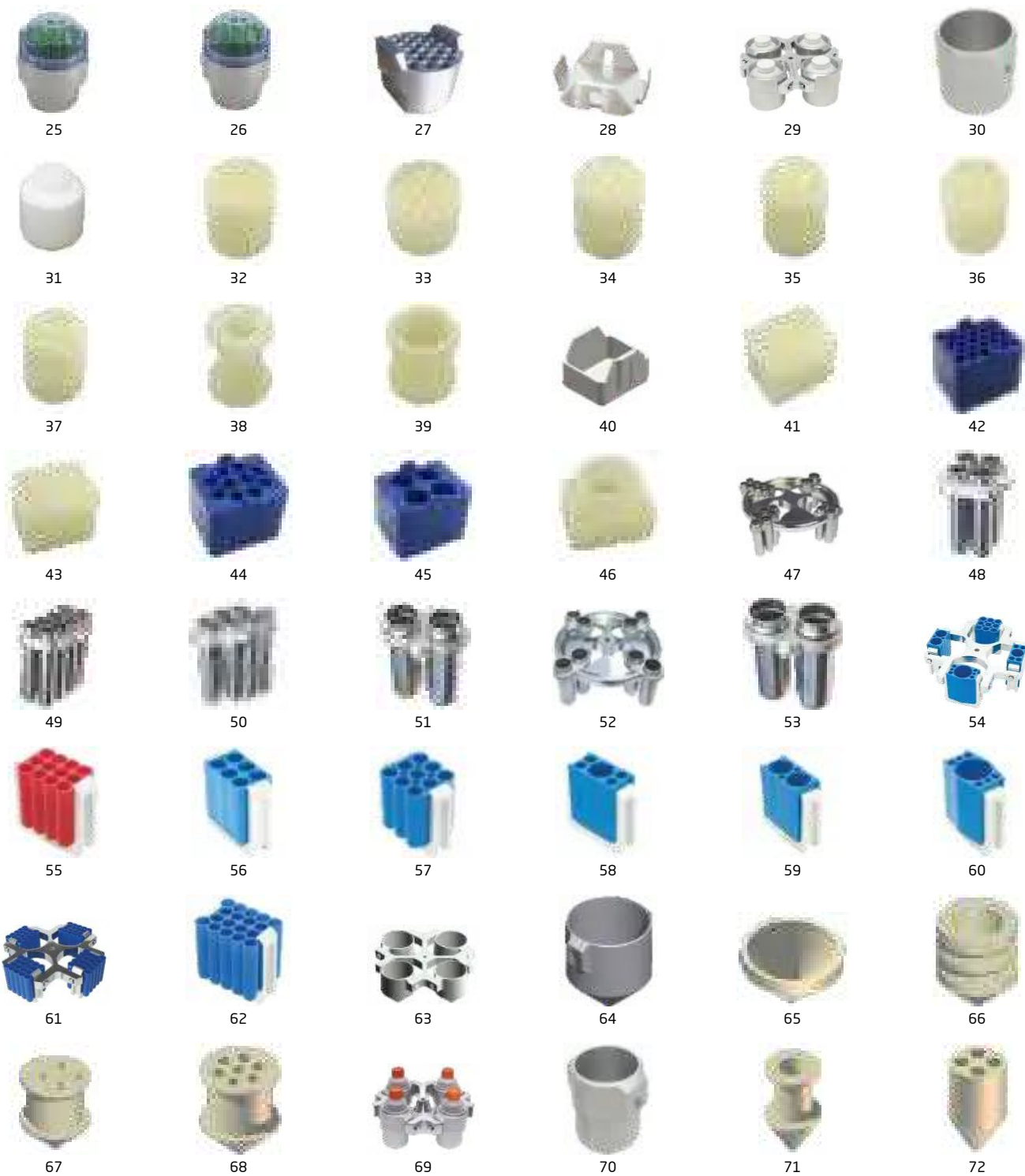
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ACCESSORIES FOR PURCHASE BEW102

No	Name	Description
1	Swing rotor	Capacity: 4x250 ml Max Speed: 4000 r/min Max RCF: 3200 xg
2	Adapter	250 ml Bucket
3	Adapter	250 ml PE Bottle
4	Adapter	4x9x1.5 ml
5	Adapter	4x7x5 ml

6	Adapter	4x9x5/7 ml (Blood Vacuum Tube)
7	Adapter	4x7x10 ml (Internal Thread)
8	Adapter	4x6x15 ml
9	Adapter	4x4x20 ml
10	Adapter	4x50 ml
11	Adapter	4x100 ml
12	Microplate Bucket	Capacity: 2x2x96 Max Speed: 4000 r/min Max RCF: 2200 xg
13	Swing rotor	Capacity: 4x500ml Max Speed: 4000r/min Max RCF: 3220xg
14	Adapter	4x14x5ml / 7ml (Aerosol Cover, Option)
15	Adapter	4x19x5ml / 7ml (Aerosol Cover, Option)
16	Adapter	4x24x7ml Blood Vacuum Tube
17	Adapter	Microplate Bucket (4x2x96, Thickness ≤15.5mmx2)
18	Swing rotor	Capacity: 4x500ml Max Speed: 4000r/min Max RCF: 3220xg
19	Adapter	500ml Bucket
20	Adapter	500ml PE Bottle
21	Adapter	4x18x1.5ml
22	Adapter	4x19x5ml / 7ml Blood Vacuum Tube
23	Adapter	4x14x10ml Internal Thread
24	Adapter	4x9x15ml
25	Adapter	4x7x20ml
26	Adapter	4x3x50ml
27	Adapter	4x100ml
28	Adapter	4x250ml
29	Adapter	Square Bucket
30	Adapter	4x25x1.5ml
31	Adapter	4x28x5ml Blood Vacuum Tube
32	Adapter	4x20x10ml Internal Thread
33	Adapter	4x10x15ml
34	Adapter	4x4x50ml
35	Adapter	4x250ml
36	Swing rotor	Max Speed: 4000r/min Max RCF: 3200xg
37	Adapter	4x4x15 ml 1.5 ml, 5 ml, 7 ml, 10 ml
38	Adapter	4x8x15 ml 1.5 ml, 5 ml, 7 ml, 10 ml
39	Adapter	4x6x15 ml 1.5 ml, 5 ml, 7 ml, 10 ml
40	Adapter	4x2x50 ml 2x1.5 ml 5 ml, 7 ml 10 ml, 15 ml, 20 ml
41	Swing rotor	Capacity: 8x50 ml Max Speed: 5000 r/min Max RCF: 5030 xg

42	Adapter	4x2x50ml 8x2x1.5 ml 8x5 ml / 7 ml 8x10 ml 8x15 ml 8x20 ml
43	Swing rotor	Max Speed: 4000 r/min Max RCF: 3200 xg
44	Adaptors	4x12x7 ml
45	Adaptors	4x6x15 ml
46	Adaptors	4x9x15 ml
47	Adaptors	4x50 ml
48	Adaptors	4x2x50 ml
49	Adaptors	4x100 ml
50	Swing rotor	Capacity: 4x18x7 ml Max Speed: 4000 r/min Max RCF: 3200 xg
51	Adaptors	4x18x7 ml
52	Swing rotor	Capacity: 4x500 ml (Conical) Max Speed: 4000 r/min Max RCF: 3310 xg
53	Adaptors	500 ml
54	Adaptors	4x500 ml
55	Adaptors	4x250 ml
56	Adaptors	4x4x50 ml
57	Adaptors	4x7x15 ml
58	Swing rotor	Capacity: 4x250 ml (Conical) Max Speed: 4000 r/min Max RCF: 3310 xg
59	Adaptors	250 ml
60	Adaptors	4x50 ml
61	Adaptors	4x4x15 ml



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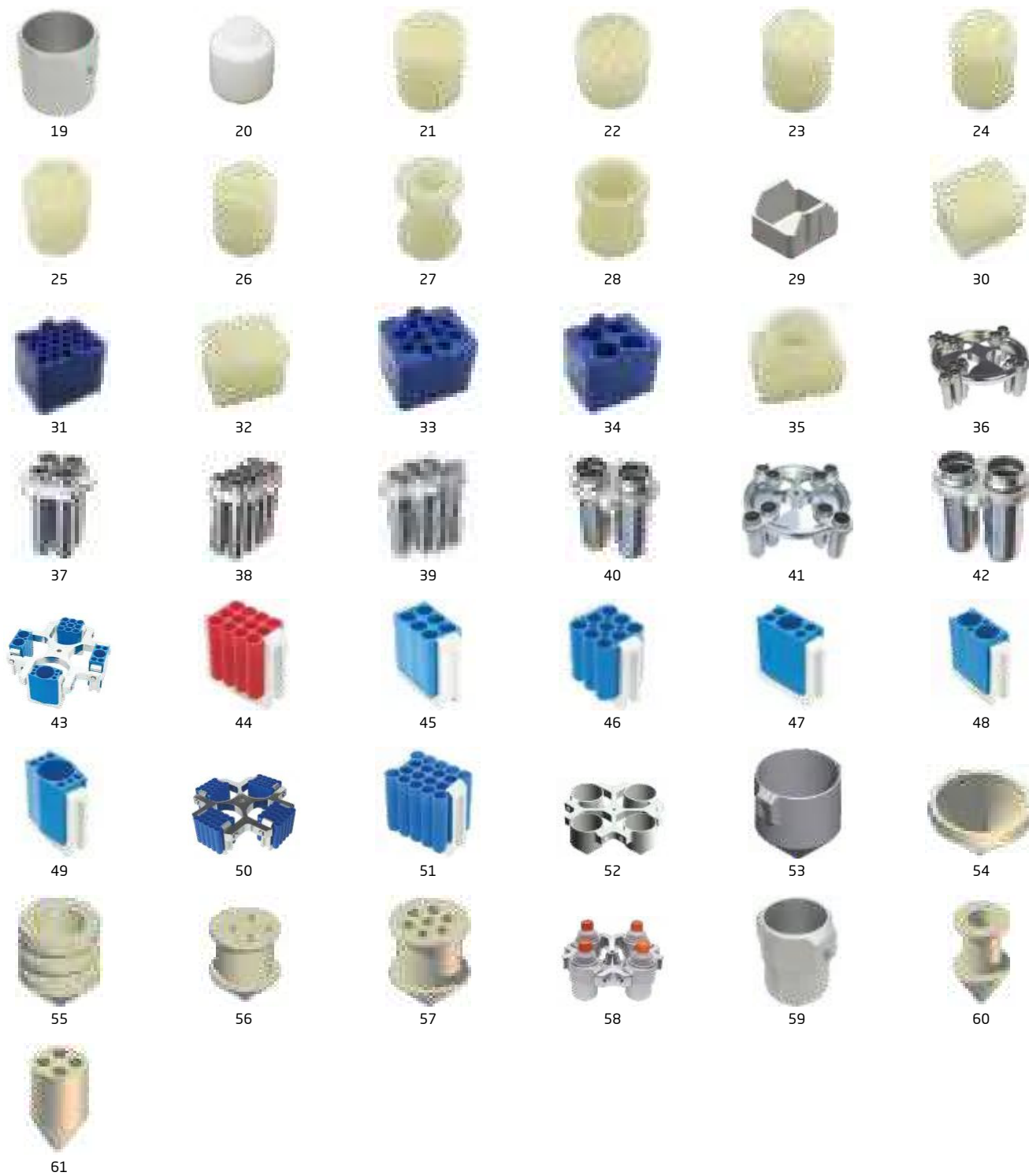
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LABORATORY HIGH SPEED CENTRIFUGE BEW1E1

TABLETOP HIGH-CAPACITY CENTRIFUGE



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

A digital LCD screen makes visualized operation convenient.

Up to 9 user programs storage meet more demands.

It has self-locking, over-speed detection, over-temperature detection, imbalance detection that is an automatic alarm device.

It has 9 levels acceleration and 10 levels deceleration to be set according to the different requirements. Slow down freely is available.

Silastic sealed ring comfort to GMP, US FDA certificated.

SPECIFICATIONS

Model	BEW1E1
Old Model	BCBL-109
Max speed	5000r/min
Max RCF	5030xg
Max capacity	4x500ml
Speed accuracy	±10r/min
Time setting	1min~99min59s
Noise	<65dB(A)
Power supply	AC110V/AC220V, 50Hz~60Hz
Consumption	750W
Dimension (LxWxH)	460mmx540mmx340mm
Packing size (LxWxH)	550mmx630mmx430mm
Net weight (No rotor)	31kg
Alt Name	Tabletop High-Capacity Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Swing rotor	Capacity: 4x500ml Max Speed: 4000r/min Max RCF: 3220xg
2	Adapter	4x14x5ml / 7ml (Aerosol Cover, Option)
3	Adapter	4x19x5ml / 7ml (Aerosol Cover, Option)
4	Adapter	4x24x7ml Blood Vacuum Tube
5	Adapter	Microplate Bucket (4x2x96, Thickness ≤15.5mmx2)
6	Swing rotor	Capacity: 4x500ml Max Speed: 4000r/min Max RCF: 3220xg
7	Adapter	500ml Bucket
8	Adapter	500ml PE Bottle
9	Adapter	4x18x1.5ml
10	Adapter	4x19x5ml / 7ml Blood Vacuum Tube
11	Adapter	4x14x10ml Internal Thread
12	Adapter	4x9x15ml
13	Adapter	4x7x20ml

14	Adapter	4x3x50ml
15	Adapter	4x100ml
16	Adapter	4x250ml
17	Adapter	Square Bucket
18	Adapter	4x25x1.5ml
19	Adapter	4x28x5ml Blood Vacuum Tube
20	Adapter	4x20x10ml Internal Thread
21	Adapter	4x10x15ml
22	Adapter	4x4x50ml
23	Adapter	4x250ml



LABORATORY HIGH SPEED CENTRIFUGE BFD1BG1

HEMATOCRIT CENTRIFUGE



SPECIFICATIONS

Model	BFD1BG1
Old Model	BCBH-311
Max. RCF	15 800 Xg
Max. Speed	12 000 rpm
Rotor Capacity	24 Capillary tubes
Running Time	1 min - 99 min : 59 s
Drive System	Direct, brushless motor drive
Speed Accuracy	± 20 r/min
Noise Level	≤ 55 dB(A)
Power Supply	AC 200-240 V, 50/60 Hz or AC 100-127 V, 50/60 Hz
Max. Power Consumption	500 W
Dimension (W x D x H)	10.6 x 14.2 x 8.3 in / 27 x 36 x 21 cm
Weight with Rotor	40 lb / 14 kg
Alt Name	Hematocrit Centrifuge



ITEMS INCLUDED

No	Name
1	Rotor



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LABORATORY HIGH SPEED CENTRIFUGE BFH1Z1

TABLETOP HIGH SPEED CENTRIFUGE



- 1.Brushless DC frequency motor with simpler construction,more reliable performance,longer life and quietly running.
- 2.Automatically electric lid lock, super speed, over temperature protection and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.
3. Rotor is connected to spindle by specialized taper sleeve, loading simple and quick, no direction, safe and reliable.
4. Microprocessor control,LED display in the time, speed and RCF.
5. 10 kinds of program stored in the memory, 10 kinds of accelerating and decelerating speed for your choice, 6. 3 layers protection of steel structure, safe and reliable.

SPECIFICATIONS

Model	BFH1Z1
Old Model	BCBH-302
Max speed	21000rpm
Max volume	6x100ml
Timer	1~99min
Dimension(HxDxW)	513x370x320mm
Speed accuracy	±20rpm
Max RCF	28030xg
Noise	≤60dBA
Net weight	42KG
Power supply	AC 220V 50HZ 10HZ
Package	Carton box
Alt Name	Tabletop High Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Max speed(rpm)	Max capacity	Max RCF(xg)
1	Angle rotor	21000	12*1.5/2ml	30910
2	Angle rotor	15000	40*0.5ml	22920
3	Angle rotor	18000	24*1.5/2ml	29670
4	Angle rotor	13500	30*1.5/2ml	19340
5	Angle rotor	16000	16x5ml	22020
6	Angle rotor	16000	12x7ml	21380
7	Angle rotor	10000	12x15ml	11840
8	Angle rotor	15000	12x10ml	22680
9	Angle rotor	15000	8x20ml	22680
10	Angle rotor	14000	6x30ml	19060
11	Angle rotor	12000	6x50ml	16050
12	Angle rotor	12000	6x70ml	15570
13	Angle rotor	15000	4x100ml	23210
14	Angle rotor	10000	6x100ml	11380
15	Angle rotor	16000	6x10ml	21500
16	Angle rotor	18000	30x0.5ml	26660
17	Angle rotor	13000	48x1.5/2ml	17930
18	Bucket rotor	4000	2x3x48 well	2300
19	Vertical rotor	14000	16x5ml	12660

APPLICATIONS

Widely used in the field of animal and plant molecular biology, which is the ideal instrument for separating the chemical substances in the cell and purifying the microorganisms, viruses, bacteria and subcellular etc.

LABORATORY HIGH SPEED CENTRIFUGE BFH1BV1

TABLE TOP HIGH SPEED UNIVERSAL CENTRIFUGE



1. Widely used for laboratory, chemistry and hospital.
2. 10 kinds of acceleration and deceleration
3. More than 10 rotors for your choice
4. High speed, low noise, compact design and small vibration
5. User-friendly LED display provides speed, time and temperature parameters.
6. Brushless frequency motor which in great torque, no powder pollution, free maintenance, quick in speed up and down
7. Imbalance sensor and over speed sensor, the centrifuge body is made of high-quality steel, very safe.

SPECIFICATIONS

Model	BFH1BV1
Old Model	BCBLR-401
Max. Speed	18500rpm
Max. RCF	23990xg
Max. Volume	4x180ml
Time Range	0~99min59sec
RPM/RCF Convert	Yes
Noise	≤ 55dBA
Acc/Dec	10 Kinds
Speed Accuracy	±20rpm
Temperature Accuracy	/
Net Weight(Kg)	35KG
Power supply	AC 220V/110V 50HZ/60HZ
Certificates	CE,ISO & Calibration report are available
Alt Name	Table Top High Speed Universal Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Max Speed (rpm)	Max Volume (ml)	Max RCF (xg)
1	Swing Rotor	4000	4x180ml	2580
2	Microplate rotor	4000	2x2x96 well	2020
3	Swing rotor	5000	4x1x50ml	4420
4	Swing rotor	5000	4x1x100ml	4420
5	Swing Rotor	4000	4x4x15ml 4x2x50ml	2950
6	Swing Rotor	4000	4x6x10/7ml vacuum tube	2580
7	Swing Rotor	4000	4x6x5ml vacuum tube adapter	2170
8	Swing Rotor	4000	4x4x10/7ml vacuum tube	2580
9	Swing Rotor	4000	4x4x5ml vacuum tube adapter	2170
10	Fixed Rotor	14000	4x8PCR	12070
11	Fixed Rotor	13000	6x8PCR	16080
12	Fixed Rotor	14000	8x8PCR	13390
13	Fixed Rotor	13000	12x8PCR	17220
14	Fixed Rotor	14000	40x0.5ml	19960
15	Fixed Rotor	18500	12x1.5ml	23390

16	Fixed Rotor	15000	24x1.5ml	20600
17	Fixed Rotor	13500	30x1.5ml	19340
18	Fixed Rotor	11000	48x1.5ml	12840
19	Fixed Rotor	15000	16x5ml	19350
20	Fixed Rotor	14000	6x10ml	16460
21	Fixed Rotor	15000	12x10ml	17030
22	Fixed Rotor	11000	16x10ml	13950
23	Fixed Rotor	11000	8x15ml	12730
24	Fixed Rotor	9000	12x15ml	9590
25	Fixed Rotor	9000	24x15ml	12560
26	Fixed Rotor	15000	30x15ml	23800
27	Fixed Rotor	12000	6x30ml	14400
28	Fixed Rotor	12000	6x50ml(falcon)	15000
29	Fixed Rotor	12000	6x50ml(round)	15960
30	Fixed Rotor	11000	4x85ml	13560
31	Fixed Rotor	10000	4x100ml	10310
32	Fixed Rotor	8000	6x100ml	7280
33	Swing Rotor	15000	4x5ml	19920
34	Vertical rotor	16000	16x5ml	16450
35	Vertical rotor	14000	8x30ml	19750
36	Hematocrit rotor	12000	24 capillary rotor	15800

LABORATORY HIGH SPEED CENTRIFUGE BFS1E1

BENCHTOP HIGH SPEED CENTRIFUGE

Air-cooled benchtop high speed centrifuge which the functions are powerful, highly commonality and handy for operation. The centrifuge uses the latest controller system which will be reliable quality and superior performance. It is widely used in medical laboratory, industrial laboratory, biochemical and molecular biology research. Also more pronounced in the genetic, proteic nucleic acid PCR field.



Use the advanced and reliable ST microprocessor control system. Accurately controlled the speed, time and RCF.

Frequency conversion, brushless motor without maintenance, control speed 100~15000rpm±20rpm;

Centrifuge speed and RCF increase adjustment with 100rpm/100xg, timing control 1-99 minutes or seconds. Instantaneous centrifugal, press the (flash) button which can be centrifuged faster.

The master device and the rotor which use the high strength material, have nice sealing properties and high temperature sterilization performance.

Stainless steel cavity and solid construction, suitable for continuous use, electronic lock, easy to open lid, automatic locking lid to ensure safety.

Large LED display showing which can be clear the operating parameter, separated

SPECIFICATIONS

Model	BFS1E1
Old Model	BCBH-310
Power supply	AC230V / 50-60 Hz
Power consumption drive	450 W
Max. capacity	50 ml (5 ml x 10)
Max. speed (rpm)	15000
Max. RCF (xg)	20375

Tube type	1.5/2 ml microtube
Interference suppression	EN61326
Dimensions (DxWxH, mm)	280 x 360 x 250
Weight without rotor (kg)	17
Noise level at max. speed (approx.)	≤60 dB(A)
Max. acceleration time	16 s
Max. deceleration time	18 s
Note	At 23°C ambient temperature
MOQ-5PCS	
Alt Name	Benchtop high speed centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Capacity (mlxNo.)	Max. RCF (xg)	Max. speed (rpm)	Tube type
1	#1501 Angle rotor	1.5/2 ml x 24	20375	15000	1.5/2 ml microtube (MOQ-5PCS)
2	Capillary blood volume tube	Capillary tube (75 mm length) x 24	15300	12000	Capillary tube (MOQ-5PCS)
3	#1503 Angle rotor	5 ml x 10	12920	13500	5 ml EP centrifuge tube (MOQ-5PCS)
4	#1504 Angle rotor	0.5 ml x 36	16200	14800	0.5 ml microtube (MOQ-5PCS)
5	#1505 Angle rotor	0.2 ml x 8 x 4 (PCR strip)	13250	13500	0.2 ml x 8 PCR strip tube (MOQ-5PCS)



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FEATURES

Use the advanced and reliable ST microprocessor control system. Accurately controlled the speed, time and RCF.

Frequency conversion, brushless motor without maintenance, control speed 100~15000rpm±20rpm;

Centrifuge speed and RCF increase adjustment with 100rpm/100xg, timing control 1-99 minutes or seconds. Instantaneous centrifugal, press the (flash) button which can be centrifuged faster.

The master device and the rotor which use the high strength material, have nice sealing properties and high temperature sterilization performance.

Stainless steel cavity and solid construction, suitable for continuous use, electronic lock, easy to open lid, automatic locking lid to ensure safety.

Large LED display showing which can be clear the operating parameter, separated button for rpm/rcf transformation.

single knob control can be a fast changing parameter.

The centrifuge has door cover protection, excessive speed and imbalance detection system, which can be real-time monitoring, ensure the centrifuge safe operation, when the imbalance sound signal reminder and stop operation appear at the same time, LED display shows the error code.

Automatic opens the cover when finished operating, the samples will not overheat and discharge the sample more conveniently.

The rotor has a sealed cover, it will prevent contamination from the sample.



LABORATORY HIGH SPEED CENTRIFUGE BFA1U1

HIGH-SPEED CENTRIFUGE

The high-speed centrifuge is widely used in life science, biology, molecular biology, physical and chemical analysis and other fields, for the separation of cells, proteins, virus samples, etc. The maximum speed can reach 15000rpm.



High-speed and stable operation, the rotor and the motor shaft are matched with high-precision cones, high concentricity, and low operating noise. Both the upper cover and the lower shell adopt high-strength metal protective rings, which have high structural safety and ensure the safe operation of the rotor at high speed.

The invention patent of the upper cover safety lock ensures safety during operation. It automatically pops up after the operation is completed, and has a one-key open cover function.

Adopting the three-dimensional air inlet circulation cooling method, the cooling effect is good, and the temperature rise of the rotor is low.

Powerful DC brushless motor, maintenance-free, fast drive, ultra-quiet operation, low noise level.

SPECIFICATIONS

Model	BFA1U1
Old Model	BCMI-515
Speed range	500~15000rpm (increment: 100rpm)
Time range	1s~99min59s (can be centrifuged instantly)
Speed up down time range	25 or 45s (to protect special sensitive samples from resuspension)
Rotor capacity	0.2ml/0.5ml/1.5ml/2mlx24; 0.2mlx8 stripx4; 0.5mlx36; 5mlx18
Max. RCF	21400xg
Temp. range	/
Temp.control accuracy (at 4°C)	/
Time from R. T. to 4°C	/
Working noise	≤62 dB
Safety	High-strength metal protective ring, safety door lock, overspeed, overtemperature, status diagnosis
Other functions	Speed/acceleration display function, instantaneous centrifugal function, running progress display, sound prompt function
Voltage	AC 220V 50Hz
Max. power	500W
Fuse	250V ,10A, Φ5x20
Dimensions (W x D x H)	W.238xD.335xH.208mm
Net weight	13kg
Alt Name	High-speed centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Accessories code	Description
1	Rotor	MC-A	5mlx18 Max. speed: 15000rpm Max. RCF: 21400xg
2	Rotor	MC-B	0.2mlx32 0.2mlx8 stripx4 Max. speed:15000rpm Max. RCF:17624xg

3	Rotor	MC-C	0.5mlx36 Max. speed:15000rpm Max. RCF:21400xg
4	Rotor	MC-D	0.2ml/0.5ml/1.5ml/2mlx24 Max. speed:15000rpm Max. RCF:21400xg
5	Tube adapters	MC-D-1	2ml to 0.2ml
6	Tube adapters	MC-D-2	2ml to 0.2ml



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FEATURES

High-speed and stable operation, the rotor and the motor shaft are matched with high-precision cones, high concentricity, and low operating noise.

Both the upper cover and the lower shell adopt high-strength metal protective rings, which have high structural safety and ensure the safe operation of the rotor at high speed.

The invention patent of the upper cover safety lock ensures safety during operation. It automatically pops up after the operation is completed, and has a one-key open cover function.

Adopting the three-dimensional air inlet circulation cooling method, the cooling effect is good, and the temperature rise of the rotor is low.

Powerful DC brushless motor, maintenance-free, fast drive, ultra-quiet operation, low noise level.

After the centrifugation is finished, the sound prompts and the cover will automatically opened, which is convenient for the sample to cool down; the brake is soft to protect the special sensitive samples.

The speed up/down speed is adjustable, suitable for different experimental requirements.

It adopts a 4.3-inch color LCD screen, which can display the speed, centrifugal force and time at the same time.

The buzzer prompts after the operation is completed, with the function of displaying the running status and prompting the error code.

With the PROG key, you can call the built-in 10 groups of programs with one key, which is convenient and quick to use.

Equipped with a momentary centrifugal button, which can be centrifuged quickly to meet more experimental needs.

A high-strength aluminum alloy rotor has no service life limit and can be sterilized by high temperature and high pressure.

One machine for multiple purposes, suitable for 0.2, 0.5, 1.5, 2.0, 5.0ml centrifuge tubes and PCR centrifuge tubes, four rotors are available.

LABORATORY HIGH SPEED CENTRIFUGE BFD1BF1

BENCHTOP HIGH SPEED CENTRIFUGE



SPECIFICATIONS

Model	BFD1BF1
Control System	Microprocessor
Drive System	Direct, induction motor drive
Display	Full color touchscreen interface
Programmability	via easy access touchscreen menu
Rotor Identification	Auto-ID Instant, immediately upon rotor insertion
Multi-stage centrifugal mode	Max up to 5 stages of speed & time
User Lockout Function	Yes
Date Communication	USB port (Run history can be output through USB port)
Program Storage	1 000 user-defined
Running Time	1s~99h:59min:59s
Timer	Count up or down
Speed Accuracy	± 10 r/min
Accel/Decel Profiles	40/40
Noise Level	≤ 60 dB(A)
Power Supply	AC 200-240 V, 50/60 Hz or AC 100-127 V, 50/60 Hz
Max. Power Consumption	500 W
Dimension (W x D x H)	14.2 x 17.7 x 12.6 in / 36 x 45 x 32 cm
Weight w/o Rotor	64 lb / 29 kg
Alt Name	Benchtop High Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Rotor Capacity (places x volume, ml)	Tube Size (ΦxL in mm)	Max Speed (rpm)	Max RCF (g)
1	No.1 Fixed-Angle Rotor	12 x 1.5/2.0 ml (with adapters for 0.2/0.5ml tube)	Φ11x42	20 000 rpm	27 800 Xg
2	No.2 Fixed-Angle Rotor	12 x 5 ml	Φ14x54	15 000 rpm	18 240 Xg
3	No.3-1 Fixed-Angle Rotor	24 x 1.5/2.0 ml (with adapters for 0.2/0.5ml tube)	Φ11x42	20 000 rpm	27 800 Xg
4	No.3-2 Fixed-Angle Rotor	24 x 1.5/2.0 ml (with adapters for 0.2/0.5ml tube)	Φ11x42	16 000 rpm	24 760 Xg
5	No.3-3 Fixed-Angle Rotor	12 x 10 ml	Φ16x86	16 000 rpm	24 760 Xg
6	No.4-1 Fixed-Angle Rotor	12 x 10 ml	Φ16x86	13 000 rpm	15 630 Xg
7	No.4-2 Fixed-Angle Rotor	36 x 1.5/2.0 ml (with adapters for 0.2/0.5ml tube)	Φ11x42	13 000 rpm	15 630 Xg
8	No.5-1 Fixed-Angle Rotor	6 x 50 ml (conical)	Φ29x116	20 000 rpm	42 580 Xg
9	No.5-2 Fixed-Angle Rotor	48 x 1.5/2.0 ml (with adapters for 0.2/0.5ml tube)	Φ11x42	12 000 rpm	15 700 Xg
10	No.5-3 Fixed-Angle Rotor	6 x 50 ml (round)	Φ29x111	20 000 rpm	42 580 Xg
11	No.6-1 Fixed-Angle Rotor	4 x 100 ml	Φ38x123	10 000 rpm	11 020 Xg
12	No.6-2 Fixed-Angle Rotor	8 x 50 ml (conical)	Φ29x116	10 000 rpm	20 500 Xg
13	No.6-3 Fixed-Angle Rotor	12 x 15 ml	Φ17x121	10 000 rpm	11 020 Xg
14	No.6-4 Fixed-Angle Rotor	24 x 10 ml	Φ16x86	10 000 rpm	14 220 Xg
15	No.6-5 Fixed-Angle Rotor	8 x 50 ml (round)	Φ29x111	10 000 rpm	18 950 Xg
16	No.7 Fixed-Angle Rotor	6 x 10 ml	Φ16x86	16 000 rpm	18 950 Xg
17	No.8-1 Fixed-Angle Rotor	8 x 15 ml	Φ17x121	13 000 rpm	14 930 Xg
18	No.8-2 Fixed-Angle Rotor	6 x 30 ml	Φ25.5x100	13 000 rpm	20 500 Xg

19	No.9 Fixed-Angle Rotor	4 x PCR-Strips	-	13 000 rpm	14 640 Xg
20	No.10 Fixed-Angle Rotor	6 x 100 ml	Φ38x123	8 000 rpm	7 720 Xg
21	No.11 Swing-Bucket Rotor	2 x 2 pcs microplates (48 wells)	Load dimensions (WxDxH) up to 128x48x60 mm	4 000 rpm	1 500 Xg



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LABORATORY HIGH SPEED CENTRIFUGE BFH1BZ2

TABLE TOP HIGH SPEED UNIVERSAL (REFRIGERATED) CENTRIFUGE



1. It is a non-refrigerated centrifuge. Widely used for laboratory, chemistry and hospital.

2. Pre-cooling design, 10 kinds of acceleration and deceleration

3. More than 10 rotors for your choice

4. High speed, low noise, compact design and small vibration

5. User-friendly LED display provides speed, time and temperature parameters.

6. Brushless frequency motor which in great torque, no powder pollution, free maintenance, quick in speed up and down.

7. Imbalance sensor and over speed sensor, the centrifuge body is made of high-quality steel, very safe.

SPECIFICATIONS

Model	BFH1BZ2
Old Model	BCBH-305
Max. Speed	16000 rpm
Max. RCF	27170xg
Max. Capacity	4x300ml
Time Range	0~99min59sec
RPM/RCF Convert	Yes
Noise	≤ 55dBA
Speed Accuracy	±20rpm
Acc/Dec	10 Kinds
Temperature accuracy	±1°C
Temperature range	-20°C-40°C
Power supply	AC 220V/110V 50HZ/60HZ
Certificates	CE, ISO & Calibration report are available
Alt Name	Table top High Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Max Speed (rpm)	Max Volume (ml)	Max. RCF (xg)
1	Swing rotor rack (aluminium alloy)			
2	Swing buckets (round cup) (aluminium alloy)	4000	4x300ml	3180

3	Swing buckets (square cup) (aluminium alloy)	4000	4x300ml	3150
4	Swing buckets (aluminium alloy)	4000	4x24x7ml	3150
5	Swing buckets (aluminium alloy)	4000	4x24x5ml	2750
6	Swing buckets (aluminium alloy)	4000	4x16x10ml	3150
7	Microplate rotor	4000	2x4x96 well	2910
8	Swing rotor rack (stainless steel)			
9	Swing buckets (stainless steel)	5000	4x1x50ml	4730
10	Swing buckets (stainless steel)	5000	4x1x100ml	4730
11	Swing buckets (stainless steel)	4000	4x2x100ml	3020
12	Swing buckets (stainless steel)	4000	4x2x50ml	3020
13	Swing buckets (stainless steel)	4000	4x8x15ml	3200
14	Swing buckets (stainless steel)	4000	4x6x15ml	3200
15	Swing buckets (stainless steel)	4000	4x4x10ml	2770
16	Swing buckets (stainless steel)	4000	4x4x7/5ml vacuum tube adapter	2360
17	Swing buckets (stainless steel)	4000	4x6x10ml	2770
18	Swing buckets (stainless steel)	4000	4x6x7/5ml vacuum tube adapter	2360
19	Swing buckets (stainless steel)	4000	4x8x10ml	2770
20	Swing buckets (stainless steel)	4000	4x8x7/5ml vacuum tube adapter	2360
21	Swing buckets (stainless steel)	4000	4x16x5ml vacuum tube	2520
22	Swing buckets (stainless steel)	4000	4x16x7ml vacuum tube	2880
23	Swing buckets (stainless steel)	4000	4x12x10ml vacuum tube	2880
24	Fixed Rotor	16000	4x8PCR	15760
25	Fixed Rotor	16000	6x8PCR	24370
26	Fixed Rotor	16000	8x8PCR	17480
27	Fixed Rotor	16000	12x8PCR	26090
28	Fixed Rotor	15000	40x0.5ml	22920
29	Fixed Rotor	16000	12x1.5/2ml	17940
30	Fixed Rotor	16000	24x1.5/2ml	23440
31	Fixed Rotor	16000	30x1.5/2ml	27170
32	Fixed Rotor	16000	48x1.5/2ml	21700
33	Fixed Rotor	16000	16x5ml	22200
34	Fixed Rotor	16000	6x10ml	21500
35	Fixed Rotor	14000	12x10ml	21200
36	Fixed Rotor	14000	16x10ml	22610
37	Fixed Rotor	14000	8x15ml	20630
38	Fixed Rotor	12000	12x15ml	17060
39	Fixed Rotor	5000	24x15ml	3500
40	Fixed Rotor	5000	30x15ml	3830
41	Fixed Rotor	15000	6x30ml	21880
42	Fixed Rotor	12000	12x30ml	17640
43	Fixed Rotor	14000	6x50ml(falcon)	21850
44	Fixed Rotor	12000	8x50ml(falcon)	18200
45	Fixed Rotor	12000	10x50ml(falcon)	11240
46	Fixed Rotor	14000	6x50ml(round)	21730
47	Fixed Rotor	12000	8x50ml(round)	17830

48	Fixed Rotor	14000	4x85ml	21960
49	Fixed Rotor	12000	6x85ml	17750
50	Fixed Rotor	9000	8x85ml	11160
51	Fixed Rotor	14000	4x100ml	20220
52	Fixed Rotor	12000	6x100ml	16390
53	Fixed Rotor	9000	8x100ml	11120
54	Fixed Rotor	4000	12x100ml	2970
55	Fixed Rotor	5000	4x250ml	6960
56	Fixed Rotor	6000	6x250ml	9510
57	Swing Rotor	15000	4x5ml	19920
58	Swing Rotor	12000	4x30ml	20090
59	Swing Rotor	10000	4x50ml	16240
60	Vertical rotor	16000	16x5ml	16450
61	Vertical rotor	14000	8x30ml	19750

LABORATORY HIGH SPEED CENTRIFUGE BET1V1 BET1V2 BET1V3

HIGH SPEED CENTRIFUGES



- With single-chip microcomputers, self-developed control boards and high-torque DC brushless motors, these concentrators can run stably with lower noise, allowing for a comfortable laboratory environment.
- Early warning functions such as overspeed, overheating, imbalance, undervoltage and overvoltage warnings; three-stage damping shock absorber, a specially combined shock-absorbing device to ensure the motor runs smoothly and safely and prevent samples from resuspending, thus securing excellent centrifugal effect.
- TFT-LCD true-color display screen, dual operation modes of touch screen and physical keys, and special keys for centrifugal-force display; display of the set parameters and operating parameters at the same time; modification of parameters at any time during operation without interruption; intuitive, simple and easy-to-use interface; operation menu in multiple languages.

SPECIFICATIONS

Model	BET1V1	BET1V2	BET1V3
Max speed	16,500r/min	18,500r/min	20,000r/min
Max RCF	19,600xg	24,640xg	28,800xg
Max capacity	4x100ml		
Speed accuracy	±30r/min (customizable, multiples of 10)		
Control and drive system	High torque AC brushless motor, microcomputer control		
Timer range	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation		
Noise	≤60dB		
Power supply	AC220V50Hz		
Total power	500W		
Weight	35kg		
Dimensions (LxWxH)	500mmx470mmx330mm		
Alt Name	High Speed Centrifuges		

ACCESSORIES FOR PURCHASE BET1V1

No	Name	Description
1	Fixed-angle Rotor 12x1.5/2.0ml	Max RPM: 16,500r/min Max RCF: 19,600xg
2	Fixed-angle Rotor 24x1.5mL/2.0mL	Max RPM: 14,000r/min Max RCF: 19,600xg Bio-isolated rotor cover
3	Fixed-angle Rotor 48x1.5 ml/2.0ml	Max RPM: 13,000r/min Max RCF: 18,750xg Bio-isolated rotor cover
4	Fixed-angle Rotor 10x5mL	Max RPM: 14,000r/min Max RCF: 14,300xg Bio-isolated rotor cover
5	Fixed-angle Rotor 12x10mL	Max RPM: 12,000r/min Max RCF: 14,540xg Bio-isolated rotor cover
6	Fixed-angle Rotor 8x15ml (conical-bottom)	Max RPM: 12,000r/min Max RCF: 15,840xg Bio-isolated rotor cover
7	Fixed-angle Rotor 8x15ml (round-bottom)	Max RPM: 12,000r/min Max RCF: 15,400xg Bio-isolated rotor cover
8	Fixed-angle Rotor 6x50ml (conical-bottom)	Max RPM: 11,000r/min Max RCF: 14,640xg Bio-isolated rotor cover Optional conical-to-round adapter
9	Fixed-angle Rotor 6x50ml (through-holes)	Max RPM: 6,000r/min Max RCF: 3,670xg
10	Fixed-angle Rotor 4x100ml (round-bottom)	Max RPM: 8,000r/min Max RCF: 7,296xg Bio-isolated rotor cover
11	Swing-out rotor 4x100ml	Max RPM: 4,000r/min Max RCF: 2,460xg
12	Microplate Rotor 2x2x48 holes	Max RPM: 3,000r/min Max RCF: 1,120xg



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ACCESSORIES FOR PURCHASE BET1V2

No	Name	Description
1	Fixed-angle Rotor 12x1.5/2.0ml	Max RPM: 18,500r/min Max RCF: 24,640xg
2	Fixed-angle Rotor 24x1.5mL/2.0mL	Max RPM: 15,000r/min Max RCF: 22,500xg Bio-isolated rotor cover

3	Fixed-angle Rotor 48x1.5 ml/2.0ml	Max RPM: 13,000r/min Max RCF: 18,750xg Bio-isolated rotor cover
4	Fixed-angle Rotor 10x5mL	Max RPM: 14,000r/min Max RCF: 14,300xg Bio-isolated rotor cover
5	Fixed-angle Rotor 12x10mL	Max RPM: 12,000r/min Max RCF: 14,540xg Bio-isolated rotor cover
6	Fixed-angle Rotor 8x15ml (conical-bottom)	Max RPM: 12,000r/min Max RCF: 15,840xg Bio-isolated rotor cover
7	Fixed-angle Rotor 8x15ml (round-bottom)	Max RPM: 12,000r/min Max RCF: 15,400xg Bio-isolated rotor cover
8	Fixed-angle Rotor 6x50ml (conical-bottom)	Max RPM: 11,000r/min Max RCF: 14,640xg Bio-isolated rotor cover Optional conical-to-round adapter
9	Fixed-angle Rotor 6x50ml (through-holes)	Max RPM: 6,000r/min Max RCF: 3,670xg
10	Fixed-angle Rotor 4x100ml (round-bottom)	Max RPM: 8,000r/min Max RCF: 7,296xg Bio-isolated rotor cover
11	Swing-out rotor 4x100ml	Max RPM: 4,000r/min Max RCF: 2,460xg
12	Microplate Rotor 2x2x48 holes	Max RPM: 3,000r/min Max RCF: 1,120xg



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ACCESSORIES FOR PURCHASE BET1V3

No	Name	Description
1	Fixed-angle Rotor 12x1.5/2.0ml	Max RPM: 20,000r/min Max RCF: 28,800xg
2	Fixed-angle Rotor 24x1.5mL/2.0mL	Max RPM: 15,000r/min Max RCF: 22,500xg Bio-isolated rotor cover
3	Fixed-angle Rotor 48x1.5 ml/2.0ml	Max RPM: 13,000r/min Max RCF: 18,750xg Bio-isolated rotor cover
4	Fixed-angle Rotor 10x5mL	Max RPM: 14,000r/min Max RCF: 14,300xg Bio-isolated rotor cover
5	Fixed-angle Rotor 12x10mL	Max RPM: 12,000r/min Max RCF: 14,540xg Bio-isolated rotor cover

6	Fixed-angle Rotor 8x15ml (conical-bottom)	Max RPM: 12,000r/min Max RCF: 15,840xg Bio-isolated rotor cover
7	Fixed-angle Rotor 8x15ml (round-bottom)	Max RPM: 12,000r/min Max RCF: 15,400xg Bio-isolated rotor cover
8	Fixed-angle Rotor 6x50ml (conical-bottom)	Max RPM: 11,000r/min Max RCF: 14,640xg Bio-isolated rotor cover Optional conical-to-round adapter
9	Fixed-angle Rotor 6x50ml (through-holes)	Max RPM: 6,000r/min Max RCF: 3,670xg
10	Fixed-angle Rotor 4x100ml (round-bottom)	Max RPM: 8,000r/min Max RCF: 7,296xg Bio-isolated rotor cover
11	Swing-out rotor 4x100ml	Max RPM: 4,000r/min Max RCF: 2,460xg
12	Microplate Rotor 2x2x48 holes	Max RPM: 3,000r/min Max RCF: 1,120xg



FEATURES

- With single-chip microcomputers, self-developed control boards and high-torque DC brushless motors, these concentrators can run stably with lower noise, allowing for a comfortable laboratory environment.
- Early warning functions such as overspeed, overheating, imbalance, undervoltage and overvoltage warnings; three-stage damping shock absorber, a specially combined shock-absorbing device to ensure the motor runs smoothly and safely and prevent samples from resuspending, thus securing excellent centrifugal effect.
- TFT-LCD true-color display screen, dual operation modes of touch screen and physical keys, and special keys for centrifugal-force display; display of the set parameters and operating parameters at the same time; modification of parameters at any time during operation without interruption; intuitive, simple and easy-to-use interface; operation menu in multiple languages.
- Biosafety air-tight fixed-angle rotor adopting an integral silicone rubber sealing ring (EU RoHS 2015/863) to avoid aerosol overflow and fully ensure the safety of operators and lab environments.
- A wide voltage-range design of 100 V-230 V improves the adaptability of the centrifuge to voltage (optional).
- Grade 304 austenitic stainless-steel centrifugal chamber at the rear equipped with an all-steel plastic-sprayed housing, integrally formed stamping-steel front cover, and a three-layer steel protective cover, which is sturdy and durable to ensure the safety of operators and labs.
- Silent, easy-to-use mechatronics motor door lock (gently close the door, and the locking system will be triggered to lock the door securely).
- 10 levels speed-up and speed-down control; storage of up to 20 sets of user-defined programs; easy calling of frequently used programs (the last used programs are called when the device is powered on).

- Multi-specification forged aerospace-aluminum rotors (fixed-angle rotors only) and a variety of optional polyamide-fiber adapters, suitable for 0.2 mL to 100 mL centrifuge tubes or reagent bottles; able to centrifuge all types of MTP microplates, PCR plates and cell-culture plates.
- CFDA registration and production qualification, with ISO 9001 (2015) and ISO 13485 (2016) certifications.

APPLICATIONS

These large-capacity centrifuges (50ml) can centrifugate samples at a high speed ($\geq 16500\text{r/min}$). Paired with 13 types of rotors and a variety of adapters, these versatile instruments meet the diversified needs of customers. Among the rotors, the 6x50ml fixed-angle rotors have been widely used in various fields.

LABORATORY HIGH SPEED CENTRIFUGE BET1G1 BET1G2

BET1G3

HIGH SPEED CENTRIFUGE



- The new XIUI3.0 OS features microcomputer control, programmable operations, and direct drive by a maintenance-free high-torque DC brushless motor for stable running.
- A 7" wide-angle LCD touch screen is for digital input and simple to operate. It can display set and run parameters in real time. It comes with an atmosphere light with seven colors available for enhancing the user experience. The all-steel housing is treated with corrosion-resistant orange peel fine wrinkles showing full lines, featuring an industrial human-machine design that shows a sense of safety while being visually appealing, and allowing a high recognition rate.
- They feature multiple audio/visual early warning protection functions for overspeed, over temperature, imbalance, wrong operation, overcurrent, overvoltage, and anti-pinch. The fluorosilicone rubber sealing ring, resistant to hydrogen, oil

SPECIFICATIONS

Model	BET1G1	BET1G2	BET1G3
Max capacity		4x100ml	
Max speed	16,500r/min	18,500r/min	20,000r/min
Max RCF	22,500xg	24642xg	28,800xg
Speed accuracy	$\pm 20\text{r/min}$ (customizable, multiples of 10)		
Control and drive system	Microcomputer control, maintenance-free large-torque DC brushless motor		
Display mode	7" wide-angle LCD touch screen		
Operation mode	Touch control (local control optional)		
Gears up/down	10 gears		
Timer range	1s-99h59min59s, with continuous centrifugation and instantaneous centrifugation		
Total power	0.38kW		
Noise	$\leq 65\text{dB(A)}$		
Power supply	AC220V50Hz		
Weight	27.5kg		
Dimensions (LxWxH)	360mmx460mmx335mm		
Alt Name	High Speed Centrifuge		

ACCESSORIES FOR PURCHASE

No	Name	Description
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1	Fixed-angle Rotor 12x1.5mL	Max RPM: 16,500r/min Max RCF: 19856xg
2	Fixed-angle Rotor 12x1.5mL	Max RPM: 18,500r/min Max RCF: 24642xg
3	Fixed-angle Rotor 12x1.5mL	Max RPM: 20,000r/min Max RCF: 28,800xg



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No	Name	Description
1	Fixed-angle Rotor 24x1.5mL	Max RPM: 15,000r/min Max RCF: 22,500xg
2	Fixed-angle Rotor 48x1.5mL	Max RPM: 14,000r/min Max RCF: 21756xg
3	Fixed-angle Rotor 12x5mL	Max RPM: 14,000r/min Max RCF: 15092xg
4	Fixed-angle Rotor 12x10mL	Max RPM: 12,000r/min Max RCF: 14544xg
5	Fixed-angle Rotor 8x15ml (conical-bottom)	Max RPM: 13,000r/min Max RCF: 18590xg
6	Fixed-angle Rotor 8x15ml (round-bottom)	Max RPM: 13,000r/min Max RCF: 18083xg
7	Fixed-angle Rotor 6x50ml (conical-bottom)	Max RPM: 12,000r/min Max RCF: 14641xg
8	Fixed-angle Rotor 6x50ml (through-holes)	Max RPM: 6,000r/min Max RCF: 3672xg
9	Fixed-angle Rotor 4x100ml	Max RPM: 8,000r/min Max RCF: 7,296xg
10	Fixed-angle Rotor 4x8x0.2mL (PCR 8-tube strings)	Max RPM: 15,000r/min Max RCF: 17550xg
11	Microplate Rotor 2x2x48 holes	Max RPM: 3,000r/min Max RCF: 1125xg
12	Swing-out rotor 4x100ml	Max RPM: 4,000r/min Max RCF: 2464xg



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FEATURES

- The new XIUI3.0 OS features microcomputer control, programmable operations, and direct drive by a maintenance-free high-torque DC brushless motor for stable running.
- A 7" wide-angle LCD touch screen is for digital input and simple to operate. It can display set and run parameters in real time. It comes with an atmosphere light with seven colors available for enhancing the user experience. The all-steel housing is treated with corrosion-resistant orange peel fine wrinkles showing full lines, featuring an industrial human-machine design that shows a sense of safety while being visually appealing, and allowing a high recognition rate.
- They feature multiple audio/visual early warning protection functions for overspeed, over temperature, imbalance, wrong operation, overcurrent, overvoltage, and anti-pinch. The fluorosilicone rubber sealing ring, resistant to hydrogen, oil, acids and alkalis, is capable of long-time use at the temperature from -55°C to +200°C. The aesthetically pleasing and hermetically thermoformed inner panel of the cabin door can dually prevent aerosol spillage. The 304 stainless steel seamless corrosion-resistant centrifuge chamber and steel cylinder sleeve are designed with a sound-absorbing air duct.
- The door cover has an electronic lock allowing for one-button opening. The gas spring hydraulic rod makes it easy and convenient for the door cover to close. In case of shutdown or power outage, the door cover can be manually opened. The patented anti-pinch function can prevent injuring fingers by hasty operations.
- The Bluetooth/Type C interfaces are optional for short-range control via mini-programs, facilitating system upgrades and experimental data downloads.
- There are 10 gears for acceleration/deceleration and three-stage damping for shock absorption, ensuring stable sample operation without resuspension. Parameters may be modified during operation without the need to stop. They can store 99 groups of programs and be programmable according to user needs for point control, timing, differential timing, density, and gradient centrifugation functions, thus meeting diverse experimental requirements.
- Multi-specification forged aerospace aluminum rotors (fix-angle rotors only) and a variety of optional polyamide fiber adapters, suitable for 0.2mL to 100mL centrifuge tubes or reagent bottles; able to centrifuge all types of MTP microplates, PCR plates, cell culture plates and deep well plates.
- These products are supported by certifications including ISO 9001 (2015); ISO 13485 (2016); ISO 14001 (2015); ISO 45001 (2018); and CFDA registration and production qualification.

APPLICATIONS

These large-capacity centrifuges (50ml) can centrifugate samples at a high speed (≥ 16500 r/min). Paired with over 10 types of rotors and a variety of adapters, these versatile devices can meet the diversified needs of customers. Among the rotors, the 6x50ml fixed-angle rotors have been widely used in various fields.

LABORATORY HIGH SPEED CENTRIFUGE BEY1S1

CENTRIFUGE



- Low noise (52dB[A]) to provide a pleasant experimental experience.
- Double-locking system, one-touch to open/close the top cover.
- Soft-brake system to avoid resuspension and protect the sensitive samples.
- With over-speed, over-temperature protection, state self-diagnosis and other multi-level intelligent safety protection functions.
- One-key to start the pre-cooling mode, quick to enter centrifugal mode.
- Imported compressor, 134a strong cooling, environmental protection.
- An unbalanced sensing system ensures real-time monitoring, auto-alarming and auto-stop to provide safety protection.
- Multi options of rotors, available to sterilize under high temperature and high pressure. OEM requests are acceptable.
- Multiple batches of continuous centrifugation to promote experimental progress

SPECIFICATIONS

Model	BEY1S1
Old Model	BCBH-303-A
Centrifugation Speed	100 rpm - 15,000 rpm (100 rpm steps)
Max. Centrifugal Force	21,150 x g
Max. Capacity	90 ml (5 ml x 18)
Time Setting Range	1 min to 99 min (continuous running)
Refrigerated Mode	No
Temperature Range	No
Speed-up Mode	9 levels
Speed-down Mode	10 levels
Noise	52 dB(A) (1 m far straight ahead of machine)
Display	LCD Color screen
Motor	Variable frequency motor
Refrigeration Compressor	/
Power Supply	AC220V±10%, 50Hz±1Hz, 1800VA
Alt Name	Benchtop High Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Rotor	Capacity: 24*1.5/2mL
2	Rotor	Capacity: 16*5mL
3	Rotor	Capacity: 32*0.2mL
4	Rotor	Capacity: 24*2mL & 24*0.5mL
5	Rotor	Capacity: 18*5mL
6	Rotor	Capacity: 24*2/1.5mL
7	Rotor	Capacity: 6*50mL
8	Rotor	Capacity: 48*2mL



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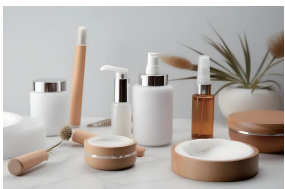
FEATURES

- Low noise (52dB[A]) to provide a pleasant experimental experience.
- Double-locking system, one-touch to open/close the top cover.
- Soft-brake system to avoid resuspension and protect the sensitive samples.
- With over-speed, over-temperature protection, state self-diagnosis and other multi-level intelligent safety protection functions.
- One-key to start the pre-cooling mode, quick to enter centrifugal mode.
- Imported compressor, 134a strong cooling, environmental protection.
- An unbalanced sensing system ensures real-time monitoring, auto-alarming and auto-stop to provide safety protection.
- Multi options of rotors, available to sterilize under high temperature and high pressure. OEM requests are acceptable.
- Multiple batches of continuous centrifugation to promote experimental progress.
- Support instantaneous centrifugation, simple operation.
- Flame retardant outer shell, safe and strong.

APPLICATIONS



Bio-pharmaceutical Industry



Cosmetics



Manufacturing Industry



Food



Environmental Monitoring



Petrochemical Industry

LABORATORY HIGH SPEED CENTRIFUGE BGH1M1

HIGH SPEED CENTRIFUGE



Max. rotor capacity: 24x1.5 mL / 2.0 mL.

Max. speed: 21,400xg (15000 rpm).

Safe and reliable, various safety protections conforming to CE safety standards. Imported motor, maintenance free.

Soft-brake function to prevent resuspension and protect sensitive samples.

Separate short-spin key for quick centrifugation.

3 types of rotors are available, suitable for 1.5, 2.0, 5.0 mL tubes and 0.2, 0.5 PCR strip tubes.

Key operation, simple parameter settings.

In static precooling mode, when the centrifuge cover is closed, it automatically starts to cool. In case of no sample, the temperature of rotor and chamber shall be rapidly reduced to the set temperature.

SPECIFICATIONS

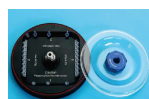
Model	BGH1M1
Speed (rpm)	500-15000 rpm (increment 100 rpm)
Max. centrifugation medium density	1.2 g/mL
Acceleration and deceleration time (soft off)	15 s
Acceleration and deceleration time (soft on)	45 s
Temp. control accuracy (@ 4 °C)	±2 °C
Cooling time to 4 °C	≤20 min
Temperature range	-10 °C to +40 °C
Noise	<60 db
Power	500 W
Dimension (LxWxH) mm	300x500x320 mm
Weight (including rotor)	28 kg
Timer	1 s-99 min 59 s (short-spin)
Power supply	AC 100-120 V / AC 200-240 V 50-60Hz
Alt Name	High Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Max. capacity	Max. rotor radius	Max. RCF
1	Rotor	24x1.5 mL / 2.0 mL	85 mm	100-21400xg
2	PCR Strip Rotor	4xPCR strip rotor	68 mm	100-17100xg
3	Rotor	12x5 mL (suitable for round bottom tubes) rotor	85 mm	100-21400xg
4		Adapter for 0.5 mL tube		
5		Adapter for 0.2 mL tube		



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FEATURES

Max. rotor capacity: 24x1.5 mL / 2.0 mL.

Max. speed: 21,400xg (15000 rpm).

Safe and reliable, various safety protections conforming to CE safety standards.

Imported motor, maintenance free.

Soft-brake function to prevent resuspension and protect sensitive samples.

Separate short-spin key for quick centrifugation.

3 types of rotors are available, suitable for 1.5, 2.0, 5.0 mL tubes and 0.2, 0.5 PCR strip tubes.

Key operation, simple parameter settings.

In static precooling mode, when the centrifuge cover is closed, it automatically starts to cool. In case of no sample, the temperature of rotor and chamber shall be rapidly reduced to the set temperature.

Temperature control range: -10 °C to 40 °C.

Strong cooling capacity, can maintain 4 °C at the max. speed.

Rapid cooling speed, from RT. to 4 °C in less than 20 min.

LABORATORY HIGH SPEED CENTRIFUGE BEY1T1

CENTRIFUGE



- Low noise (58dB[A]) to provide a pleasant experimental experience.
- One-key to start the pre-cooling mode, quick to enter centrifugal mode.
- High accuracy of temp. controlling, no temp. adjusting time when changing rotors.
- Imported compressor, 134a strong cooling, environmental protection.
- 9 levels of speed-up and 10 levels of speed-down according to different rotors, easy operation and high efficiency.
- Rotor Auto-identification system, auto matching the best controlling temp. and protection scheme.
- Double-locking system, one-touch to open/close the cover.
- Soft-brake system to avoid resuspension and protect the sensitive samples.
- An unbalanced sensing system ensures real-time monitoring, auto-alarming and a

SPECIFICATIONS

Model	BEY1T1
Old Model	BCBH-303-C
Centrifugation Speed	100 rpm - 18,000 rpm (100 rpm steps)
Max. Centrifugal Force	30,400 x g
Max. Capacity	300 ml (50 ml x 6)
Time Setting Range	1 min to 99 min (continuous running)
Refrigerated Mode	No
Temperature Range	No
Speed-up Mode	9 levels
Speed-down Mode	10 levels
Noise	58 dB(A) (1 m far straight ahead of machine)
Display	LCD Color screen
Motor	Variable frequency motor
Refrigeration Compressor	Environmental protection refrigerant 134a
Power Supply	AC220V±10%, 50Hz±1Hz, 1800VA
Alt Name	Benchtop High Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Rotor	Capacity: 24*1.5/2mL
2	Rotor	Capacity: 16*5mL
3	Rotor	Capacity: 32*0.2mL
4	Rotor	Capacity: 24*2mL & 24*0.5mL

5	Rotor	Capacity: 18*5mL
6	Rotor	Capacity: 24*2/1.5mL
7	Rotor	Capacity: 6*50mL
8	Rotor	Capacity: 48*2mL



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FEATURES

- Low noise (58dB[A]) to provide a pleasant experimental experience.
- One-key to start the pre-cooling mode, quick to enter centrifugal mode.
- High accuracy of temp. controlling, no temp. adjusting time when changing rotors.
- Imported compressor, 134a strong cooling, environmental protection.
- 9 levels of speed-up and 10 levels of speed-down according to different rotors, easy operation and high efficiency.
- Rotor Auto-identification system, auto matching the best controlling temp. and protection scheme.
- Double-locking system, one-touch to open/close the cover.
- Soft-brake system to avoid resuspension and protect the sensitive samples.
- An unbalanced sensing system ensures real-time monitoring, auto-alarming and auto-stop to provide safety protection.
- Save up to 30 user programs, flexible applications.
- High centrifugation speed, multi options of rotors and adapters.
- Support instantaneous centrifugation, simple operation.
- Flame retardant outer shell, safe and strong.

APPLICATIONS



Bio-pharmaceutical Industry



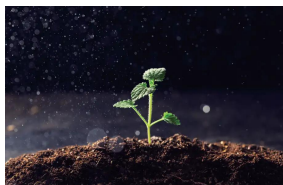
Cosmetics



Manufacturing Industry



Food



Environmental Monitoring



Petrochemical Industry

LABORATORY HIGH SPEED CENTRIFUGE BFH1CM1

LARGE CAPACITY HIGH SPEED CENTRIFUGE



1. Widely used in the field of biochemistry, biological products, pharmaceutical factory and laboratory.
2. Brushless frequency motor for this model which in great torque, free maintenance, no powder pollution, quick in speed up and down.
3. This model with the digital display which indicates the speed,time
4. Micro computer control, there are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.
5. There are high speed rotors and low speed rotors for your choice.
6. Electric lid lock, compact design, super speed and imbalance protection.
7. The centrifuge body is made of high-quality steel, safe and reliable.

SPECIFICATIONS

Model	BFH1CM1
Old Model	BCBH-401
Max. Speed	12000 rpm
Max. RCF	22650 x g
Max. Capacity	4 x 1000 ml
Timer	1~9h59min
RPM/RCF Convert	Yes
Noise (dB)	≤ 60
Acc/Dec	10 Kinds
Speed Accuracy	±20 r/min

Voltage(V/Hz)	AC 220V/110V 50HZ/60HZ
Size (L x W x H mm)	780 x 675 x 830 mm
Net Weight(Kg)	200 KG
Certificates	CE, ISO & Calibration report are available
Alt Name	Large Capacity High Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Max Speed (rpm)	Max Volume (ml)	Max RCF (xg)
1	Angle Rotor	12000	6x300ml	22650
2	Angle Rotor	8000	6x500ml	11740
3	Swing Rotor	4000	4x1000ml	4060
4	Microplate Rotor	4000	4x4x96well	2940
5	Angle Rotor	12000	6x250ml	23670

LABORATORY HIGH SPEED CENTRIFUGE BET1P1 BET1P2 BET1P3

HIGH SPEED REFRIGERATED CENTRIFUGES



- Mitsubishi PLC, Weinview touch screen and a high-torque variable frequency AC motor are used to ensure the stable operation with low noise and create a comfortable laboratory environment.
- Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a, allowing for a wide temperature control range: -20°C to + 40°C (can be set during operation); pre-cooling function (quickly cool down to the set temperature); standby cooling function (maintain the set temperature in the standby state); heating and defrosting function.
- Early warning functions such as overspeed, overheating, imbalance, undervoltage, and overvoltage warnings; three-stage damping shock absorber, a specially combined shock absorbing device to ensure the motor runs smoothly and safely and prevent samples from resuspending, thus securing excellent centrifugal effect.

SPECIFICATIONS

Model	BET1P1	BET1P2	BET1P3
Max capacity	4x1,000mL		6x500mL
Max speed	25,000r/min	21,000r/min	20,000r/min
Max RCF	64,465xg	53,741xg	48,745xg
Speed accuracy	±30r/min (customizable, multiples of 10)		
Refrigeration system	Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a		
Temperature control range	-20°C~+40°C		
Temperature control accuracy	±1°C		
Number of running programs	16		
Control and drive system	High torque variable frequency AC motor, microcomputer control		
Timer range	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation		
Rotor recognition	Auto rotor identification		
Noise	≤65dB(A)		
Total power	4.0kW		
Weight	260kg	240kg	
Dimensions (LxWxH)	710mmx910mmx950mm		

Alt Name	High Speed Refrigerated Centrifuges
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ACCESSORIES FOR PURCHASE BET1P1

No	Name	Description
1	Fixed-angle Rotor 24x1.5/2.0ml	Max RPM: 25,000r/min Max RCF: 58,695xg
2	Fixed-angle Rotor 30x1.5mL	Max RPM: 21,000r/min Max RCF: 53,741xg
3	Fixed-angle Rotor 16x10 mL	Max RPM: 21,000r/min Max RCF: 48811xg
4	Fixed-angle Rotor 18x10mL (titanium alloy)	Max RPM: 23,000r/min Max RCF: 58,551xg
5	Fixed-angle Rotor 20x15mL (conical-bottom)	Max RPM: 14,000r/min Max RCF: 26295xg
6	Fixed-angle Rotor 6x50ml (conical-bottom)	Max RPM: 20,000r/min Max RCF: 41,589xg
7	Fixed-angle Rotor 6x50mL (round-bottom)	Max RPM: 21,000r/min Max RCF: 46,346xg
8	Fixed-angle Rotor 8x50mL (round-bottom)	Max RPM: 16,000r/min Max RCF: 28,048xg
9	Fixed-angle Rotor 8x50mL (round-bottom) (titanium alloy)	Max RPM: 21,000r/min Max RCF: 48,318xg
10	Fixed-angle Rotor 8x50ml (conical-bottom)	Max RPM: 16,000r/min Max RCF: 30,052xg
11	Fixed-angle Rotor 8x100mL (round-bottom)	Max RPM: 14,000r/min Max RCF: 25,637xg
12	Fixed-angle Rotor 6x250mL	Max RPM: 14,000r/min Max RCF: 29,583xg
13	Fixed-angle Rotor 6x500mL	Max RPM: 8,000r/min Max RCF: 11,377xg
14	Fixed-angle Rotor 6x500mL (imported bottle)	Max RPM: 10,000r/min Max RCF: 17,776xg
15	Cable fiber fixed-angle rotor 6x500mL (imported bottle)	Max RPM: 12,000r/min Max RCF: 25597xg
16	Fixed-angle Rotor 4x1,000mL	Max RPM: 8,000r/min Max RCF: 12,594xg
17	Continuous flow rotor 1000mL	Max RPM: 14,000r/min Max RCF: 21,475xg
18	Continuous flow rotor 3000mL	Max RPM: 8,000r/min Max RCF: 9,445xg
19	Swing-out rotor 4x750ml	Max RPM: 4,000r/min Max RCF: 3,536xg
20	Microplate Rotor 4x2x96 holes	Max RPM: 4,000r/min Max RCF: 3166xg



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ACCESSORIES FOR PURCHASE BET1P2

No	Name	Description
1	Fixed-angle Rotor 30x1.5mL	Max RPM: 21,000r/min Max RCF: 53,741xg
2	Fixed-angle Rotor 16x10 mL	Max RPM: 21,000r/min Max RCF: 48811xg
3	Fixed-angle Rotor 20x15mL (conical-bottom)	Max RPM: 14,000r/min Max RCF: 26295xg
4	Fixed-angle Rotor 6x50ml (conical-bottom)	Max RPM: 20,000r/min Max RCF: 41,589xg
5	Fixed-angle Rotor 6x50mL (round-bottom)	Max RPM: 21,000r/min Max RCF: 46,346xg
6	Fixed-angle Rotor 8x50mL (round-bottom)	Max RPM: 16,000r/min Max RCF: 28,048xg
7	Fixed-angle Rotor 8x50ml (conical-bottom)	Max RPM: 16,000r/min Max RCF: 30,052xg
8	Fixed-angle Rotor 8x100mL (round-bottom)	Max RPM: 14,000r/min Max RCF: 25,637xg
9	Fixed-angle Rotor 6x250mL	Max RPM: 13,000r/min Max RCF: 25,508xg
10	Fixed-angle Rotor 6x500mL	Max RPM: 8,000r/min Max RCF: 11,377xg
11	Fixed-angle Rotor 6x500mL (imported bottle)	Max RPM: 10,000r/min Max RCF: 17,776xg
12	Cable fiber fixed-angle rotor 6x500mL (imported bottle)	Max RPM: 11,000r/min Max RCF: 21509xg
13	Fixed-angle Rotor 4x1,000mL	Max RPM: 8,000r/min Max RCF: 12,594xg
14	Continuous flow rotor 1000mL	Max RPM: 14,000r/min Max RCF: 21,475xg
15	Continuous flow rotor 3000mL	Max RPM: 8,000r/min Max RCF: 9,445xg
16	Swing-out rotor 4x750ml	Max RPM: 4,000r/min Max RCF: 3,536xg
17	Microplate Rotor 4x2x96 holes	Max RPM: 4,000r/min Max RCF: 3166xg



ACCESSORIES FOR PURCHASE BET1P3

No	Name	Description
1	Fixed-angle Rotor 30x1.5mL	Max RPM: 20,000r/min Max RCF: 48,745xg
2	Fixed-angle Rotor 16x10 mL	Max RPM: 20,000r/min Max RCF: 44,272xg
3	Fixed-angle Rotor 20x15mL (conical-bottom)	Max RPM: 14,000r/min Max RCF: 26295xg
4	Fixed-angle Rotor 6x50ml (conical-bottom)	Max RPM: 18,000r/min Max RCF: 33,687xg
5	Fixed-angle Rotor 6x50mL (round-bottom)	Max RPM: 20,000r/min Max RCF: 42,036xg
6	Fixed-angle Rotor 8x50mL (round-bottom)	Max RPM: 16,000r/min Max RCF: 28,048xg
7	Fixed-angle Rotor 8x50ml (conical-bottom)	Max RPM: 16,000r/min Max RCF: 30,052xg
8	Fixed-angle Rotor 8x100mL (round-bottom)	Max RPM: 12,000r/min Max RCF: 18,837xg
9	Fixed-angle Rotor 6x250mL	Max RPM: 12,000r/min Max RCF: 21,734xg
10	Fixed-angle Rotor 6x500mL	Max RPM: 8,000r/min Max RCF: 11,377xg
11	Fixed-angle Rotor 6x500mL (imported bottle)	Max RPM: 10,000r/min Max RCF: 17,776xg
12	Continuous flow rotor 1000mL	Max RPM: 14,000r/min Max RCF: 21,475xg
13	Continuous flow rotor 3000mL	Max RPM: 8,000r/min Max RCF: 9,445xg





FEATURES

- Mitsubishi PLC, Weinview touch screen and a high-torque variable frequency AC motor are used to ensure the stable operation with low noise and create a comfortable laboratory environment.
- Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a, allowing for a wide temperature control range: -20°C to + 40°C (can be set during operation); pre-cooling function (quickly cool down to the set temperature); standby cooling function (maintain the set temperature in the standby state); heating and defrosting function.
- Early warning functions such as overspeed, overheating, imbalance, undervoltage, and overvoltage warnings; three-stage damping shock absorber, a specially combined shock absorbing device to ensure the motor runs smoothly and safely and prevent samples from resuspending, thus securing excellent centrifugal effect.
- Touch control mode for displaying both the set parameters and running parameters, with an intuitive, simple, and easy-to-use interface; operation menu in multiple languages.
- Biosafety air-tight fix-angle rotor adopting an integral silicone rubber sealing ring (EU RoHS 2015/863) to avoid aerosol overflow and fully ensure the safety of operators and lab environments.
- Stainless steel centrifugal chamber equipped with an all-steel plastic-sprayed housing, integrally formed stamping steel front cover, and a three-layer steel protective cover, which is sturdy and durable to ensure the safety of operators and labs.
- Easy-to-use mechanical locks suitable for various harsh environments (gently close the door, and the locking system will be triggered to lock the door securely).
- 12 levels speed-up and speed-down control; storage of up to 16 sets of user-defined programs; modification of control parameters of the running rotor at any time; display of speed rise and fall curve, centrifugal integral curve, and temperature curve.
- Multi-specification forged aerospace aluminum rotors (fix-angle rotors only) and a variety of optional polyamide fiber adapters, suitable for 1.5mL to 1,000mL centrifuge tubes or reagent bottles.
- Casters and carbon steel caster adjustment blocks at the bottom for easy movement and level adjustment of the device.
- CFDA registration and production qualification, with ISO 9001 (2015) and ISO 13485 (2016) certifications.

LABORATORY HIGH SPEED CENTRIFUGE BET1BF1

SOIL PF CURVE CENTRIFUGE

The soil pF-curve is determined by the relationship between soil suction, volume-weight and gravimetric water content. With these three elements, thus gaining a highly accurate soil water characteristic curve, or pF-curve. Generally, the soil water characteristic curve is measured through methods such as the pressure membrane (chamber) and the centrifuge. The centrifuge method is widely used in fields like soil water dynamics simulation, meteorology and climatology, soil geography, hydrology, and agricultural science and technology as it is easier to operate and less time-consuming, and has a wider measurable suction range.



SPECIFICATIONS

Model	BET1BF1
Max capacity	4x100ml
Max RCF	14,758xg
Max speed	10,000r/min
Measurement range	pF 2.0-4.2 (0.1 bar-15 bar)
Samples	4/time
Speed accuracy	±30r/min (customizable, multiples of 10)
Number of running programs	16
Control and drive system	High torque variable frequency AC motor, microcomputer control
Compressor	Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a
Temperature control range	-20°C~+40°C
Temperature control accuracy	±1°C
Timer range	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation
Total power	4.0kW
Power supply	AC220V/50Hz/30A
Noise	≤65dB (A)
Weight	240kg
Dimensions (L x W x H)	710mmx910mmx950mm
Alt Name	Soil pF Curve Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Soil dehydrating rotor	Rotor capacity: 4x100ml Max RPM: 10,000r/min Max RCF: 14,758xg Container dimension: ϕ 50x51mm Number of dehydrating containers: 4



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