



LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BFH1BM1

TABLETOP LARGE CAPACITY 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.
4. Microprocessor control, digital display in the speed, time, RCF in operation, speed raising and reducing quick, operate simply.
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 and get the ideal centrifugation result

SPECIFICATIONS

Model	BFH1BM1
Max. Speed	5000rpm
Max. RCF	4730xg
Max. Capacity	4x800ml
Time Range	0~99min59sec
Noise	≤ 58dBA
Speed Accuracy	±20rpm
Size (W x D x Hmm)	685x500x405mm
Net Weight(Kg)	67KG
Power supply	AC 220V 50HZ 10A
Package	Wooden box
Alt Name	Tabletop Large Capacity Centrifuge

ACCESSORIES FOR PURCHASE

No	Rotor No.	Name	Max speed (rpm)	Max Volume (ml)	Max RCF (g)
1	30671	Swing out rotor	4000	4x800ml	3380
2	30696	Swing out rotor	4000	4x500ml	3310
3	31277	swing out rotor	5000	4x500ml	4730
4	31277	swing out rotor	5000	4x100ml	3020
5	31277	swing out rotor	4000	8x100ml	3020
6	31277	swing out rotor	4000	8x50ml	3200
7	31277	swing out rotor	4000	16x15ml	3200
8	31277	swing out rotor	4000	24x15ml	3200
9	31277	swing out rotor	4000	88x5ml vacuum tube	2480
10	31277	swing out rotor	4000	160x5ml vacuum tube	2480
11	31377	swing out rotor	4000	32x10ml vacuum tube	2790
12	31377	swing out rotor	4000	32x7ml vacuum tube adapter	2790
13	31377	swing out rotor	4000	32x5ml vacuum tube adapter	2790
14	31377	swing out rotor	4000	48x10ml vacuum tube	2880
15	31377	swing out rotor	4000	48x7ml vacuum tube	2760
16	31377	swing out rotor	4000	48x5ml vacuum tube	2480

17	31377	swing out rotor	4000	72x10ml vacuum tube	3140
18	31377	swing out rotor	4000	88x7ml vacuum tube	3140
19	31377	swing out rotor	4000	160x7ml vacuum tube	3140
20	31494	Micro plate rotor	4000	4x4x96 well	2940
21	31491	Micro plate rotor	4000	2x4x96 well	3210

FEATURES

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.
4. Microprocessor control, digital display in the speed, time, RCF in operation, speed raising and reducing quick, operate simply.
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 and get the ideal centrifugation result.
7. It is consistent with CE security certification and ISO9001 quality certification.

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BFH1Y2

TABLETOP HIGH SPEED AND LOW SPEED UNIVERSAL (REFRIGERATED) CENTRIFUGE



1. Brushless DC frequency motor with simpler construction, more reliable performance, longer life and quietly running.
2. Microprocessor control, LED display in speed, temperature and time etc.
3. Automatically electric lid lock, super speed, over temperature protection and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.
4. Rotor is connected to spindle by specialized taper sleeve, loading simple and quick, no direction, safe and reliable.
5. There are several kinds of rotors for your choice, adapters can be designed by experimental requirements. 7.3 layers protection of steel structure, safe and reliable.

SPECIFICATIONS

Model	BFH1Y2
Old Model	BCBH-306
Max speed	21000rpm
Max volume	4x800ml
Timer	0~99h59min
Dimension(HxDxW)	700x500x400mm
Speed accuracy	±20rpm
Temperature range	-
Max RCF	30910xg
Noise	≤58dBA
Net weight	75KG
Power supply	AC110/ 220V 50/60HZ
Package	Wooden box
Temperature accuracy	-
Alt Name	Tabletop Low Speed Refrigerated 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	Swing rotor	15000	4x5ml	19920
19	Vertical rotor	16000	16x5ml	16540
20	Bucket rotor	4000	2x3x48 well	2300
21	Bucket rotor	4000	4x4x96 well	2840
22	Bucket rotor	4000	2x4x96 well	2490
23	Swing rotor	4000	4x800ml	2850
24	Swing rotor	4000	4x40x5ml / 4x40x7ml / 4x28x10ml	3270

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BFH1CG1

TABLE TOP LOW SPEED REFRIGERATED CENTRIFUGE



SPECIFICATIONS

Model	BFH1CG1
Old Model	BCFL-303
Max. Speed	6000rpm

Max. RCF	3660xg
Max. Capacity	4x180ml
Time Range	1~99min59sec
RPM/RCF Convert	Yes
Noise	≤ 58dBA
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)	520x520x285mm
Net Weight(Kg)	48KG
Certificates	CE,ISO & Calibration report are available
Alt Name	Table Top Low Speed refrigerated centrifuge



ACCESSORIES FOR PURCHASE

No	Name	Max speed (rpm)	Max Volume (ml)	Max RCF (g)
1	Angle rotor	6000	6x15ml	3660
2	Angle Rotor	6000	4x50ml	3628
3	Angle Rotor	6000	4x100ml	3790
4	Angle Rotor	5000	12x15ml	3080
5	Angle Rotor	5000	6x50ml	2850
6	Angle Rotor	5000	6x100ml	3130
7	Swing Rotor	5000	6x10ml	3460
8	Swing Rotor	4000	16x5ml/7ml	2200

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BFH1CF1

TABLE TOP LOW SPEED REFRIGERATED CENTRIFUGE



1. Brushless frequency motor, in great torque, free maintenance, no powder pollution, quick in speed up and down.
2. Imported compressors fluorine free, double cycle cooling, cold and hot alternating easily, free environment pollution and precise in temperature control.
3. Microprocessor control, digital display which indicates the speed, time, RCF in operation, speed raising and reducing quickly, operate simply. Running parameter can be edited.
4. 10 kinds of accelerating and decelerating speed for your choice.
5. Automatically electric lid lock, super speed, over temperature protection and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.
6. Rotor is connected to spindle by specialized taper sleeve, loading simple and

SPECIFICATIONS

Model	BFH1CF1
Old Model	BCBLR-404
Max. Speed	5000rpm
Max. RCF	4420xg
Max. Capacity	4x180ml
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)	570x600x340mm
Net Weight(Kg)	76KG
Certificates	CE,ISO & Calibration report are available
Alt Name	Table Top Low Speed Refrigerated Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Max speed (rpm)	Max volume (ml)	Max RCF (g)
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	2820
6	Swing Rotor	4000	4x6x10/7ml vacuum tube	2580
7	Swing Rotor	4000	4x6x5ml vacuum tube adapter	2170
8	Swing Rotor	4000	4x4x10/7ml	2580
9	Swing Rotor	4000	4x4x5ml vacuum tube adapter	2170
10	Swing Rotor	5000	8x10ml	4110
11	Fixed Rotor	5000	6x15ml	2540
12	Fixed Rotor	5000	12x15ml	3080
13	Fixed Rotor	5000	24x15ml	3500
14	Fixed Rotor	5000	4x50ml	2520
15	Fixed Rotor	5000	6x50ml	2850
16	Fixed Rotor	5000	4x100ml	2630
17	Fixed Rotor	5000	6x100ml	3130
18	Fixed Rotor	4000	12x50ml	2470

FEATURES

1. Brushless frequency motor, in great torque, free maintenance, no powder pollution, quick in speed up and down.
2. Imported compressors fluorine free, double cycle cooling, cold and hot alternating easily, free environment pollution and precise in temperature control.
3. Microprocessor control, digital display which indicates the speed, time, RCF in operation, speed raising and reducing quickly, operate simply. Running parameter can be edited.
4. 10 kinds of accelerating and decelerating speed for your choice.
5. Automatically electric lid lock, super speed, over temperature protection and imbalance protection. The centrifuge body is made of

high quality steel, safe and reliable.

6. Rotor is connected to spindle by specialized taper sleeve, loading simple and quick, no direction.

7. There are several kinds of rotors for your choice, adapters can be designed by experimental requirements.

8. 3 tiers protection steel cover and get the ideal centrifugation result.

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE BFD1L1

BENCHTOP LOW SPEED REFRIGERATED CENTRIFUGE



SPECIFICATIONS

Model	BFD1L1
Old Model	BCBLR-322
Swing-out Rotors	
--Max. Capacity	4 x 50 ml
--Max. Speed	5 000 rpm with 4 x 50 ml swing-out rotor
--Max. RCF	3 910 Xg with 4 x 50 ml swing-out rotor
Fixed-Angle Rotors	
Control System	Microprocessor
Refrigeration System	CFC-Free
Drive System	Direct, induction motor drive
Display	Touchscreen interface
Programmability	via easy access touchscreen menu
Program Storage	1 000 user-defined
Running Time	1 s - 99 h : 59 min : 59 s, Short
Timer	Count up or down
Speed Accuracy	± 10 r/min
Accel/Decel Profiles	40/40
Temp. Control Range	-20 °C to +40 °C
Temp. Accuracy	± 1 °C
Noise Level	≤ 56 dB(A)
Power Supply	AC 200-240 V, 50/60 Hz or AC 100-127 V, 50/60 Hz
Max. Power Consumption	450 W
Dimension (W x D x H)	16.9 x 19.7 x 12.4 in / 43 x 50 x 31.5 cm
Weight w/o Rotor	93 lb / 42 kg
Alt Name	Benchtop Low Speed Refrigerated Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Rotor Capacity (places x volume, ml)	Tube Size (Φ x L in mm)	Max Speed (rpm)	Max RCF (g)
1	No. 1 Swing-out Rotor	4 x 50 ml a)	$\Phi 29 \times 111-116$	5 000 rpm	3 910 Xg
2	No. 2 Swing-out Rotor	Rotor Cross (order tube racks separately)	-	-	-
3		Tube Racks (sets of 4 for each) - 16 x 10 ml blood collection/urine tube	$\Phi 15-16 \times 100$	4 500 rpm	3 170 Xg
4		Tube Racks (sets of 4 for each) - 16 x 1.6-7 ml blood collection/urine tube	$\Phi 13 \times 75-100$	4 500 rpm	3 170 Xg
5		Tube Racks (sets of 4 for each) - 16 x 10 ml virus sampling tube	$\Phi 16 \times 97-101$	4 500 rpm	3 170 Xg
6	No. 3 Fixed-Angle Rotor	12 x 15 ml a)	$\Phi 17 \times 121$	5 500 rpm	4 300 Xg



1



3



5



6

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BEW1G1 BEW1G2

TABLETOP LOW-SPEED REFRIGERATED CENTRIFUGE



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

Digital displays make visualized operations convenient.

Imported compressor unit with Non-CFC refrigerant R134a.

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

It has 9 levels acceleration and deceleration to be setting according to the different requirements.

Silastic sealed ring comfort to GMP, US FDA certificated.

SPECIFICATIONS

Model	BEW1G1	BEW1G2
Old Model	BCBLR-102	BCBLR-101
Max speed	8000r/min	5000r/min
Max RCF	9100xg	4390xg
Max capacity	4x250ml	72x7ml
Speed accuracy	± 30 r/min	
Time setting	1min~99min	
Temperature setting	$-5^{\circ}\text{C} \sim +35^{\circ}\text{C}$	
Temperature accuracy	$\pm 1^{\circ}\text{C}$	
Compressor unit	French Tecumseh Compressor Unit R134a	
Noise	<65dB(A)	
Power supply	AC110V/AC220V, 50Hz~60Hz	
Consumption	1.2kW	

Dimension (LxWxH)	460mmx710mmx420mm
Packing size (LxWxH)	580mmx730mmx520mm
Net weight (No rotor)	80kg
Alt Name	Tabletop Low-speed Refrigerated Centrifuge

ACCESSORIES FOR PURCHASE BEW1G1

No	Name	Description
1	Swing rotor	Capacity: 4x250 ml Max Speed: 4300 r/min Max RCF: 3582 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	4x5x15 ml
9	Adapter	4x4x20 ml
10	Adapter	4x50 ml
11	Adapter	4x100 ml
12	Angle Rotor	Capacity: 8x100 ml Max Speed: 8000 r/min Max RCF: 9100 xg Adaptor: 10 ml, 20 ml
13	Swing rotor	Capacity: 4x100 ml Max Speed: 5000 r/min Max RCF: 4390 xg
14	Adapter	4x4x1.5 ml 4x25 ml 4x15 ml 4x50 ml 4x4x5/7 ml 4x3x10 ml 4x20 ml 4x100ml
15	Swing rotor	Capacity: 4x18x7 ml Max Speed: 4000 r/min Max RCF: 2810 xg 75 mm length tube only
16	Swing rotor	Capacity: 4x12x7 ml Max Speed: 4000 r/min Max RCF: 2810 xg 75 mm & 100 mm length tube
17	Swing rotor	Max Speed: 4000r/min Max RCF: 2810xg
18	Adapter	4x4x15 ml 1.5 ml, 5 ml, 7 ml, 10 ml
19	Adapter	4x8x15 ml 1.5 ml, 5 ml, 7 ml, 10 ml
20	Adapter	4x6x15 ml 1.5 ml, 5 ml, 7 ml, 10 ml

21	Adapter	4x2x50 ml 2x1.5 ml 5 ml, 7 ml 10 ml, 15 ml, 20 ml
22	Microplate Bucket	Capacity: 2x2x96 Max Speed: 4000 r/min Max RCF: 2200 xg



ACCESSORIES FOR PURCHASE BEW1G2

No	Name	Description
1	Swing rotor	Capacity: 4x100 ml Max Speed: 5000 r/min Max RCF: 4390 xg
2	Adapter	4x4x1.5 ml 4x25 ml 4x15 ml 4x50 ml 4x4x5/7 ml 4x3x10 ml 4x20 ml 4x100ml
3	Swing rotor	Capacity: 4x18x7 ml Max Speed: 4000 r/min Max RCF: 2810 xg 75 mm length tube only
4	Swing rotor	Capacity: 4x12x7 ml Max Speed: 4000 r/min Max RCF: 2810 xg 75 mm & 100 mm length tube
5	Swing rotor	Max Speed: 4000r/min Max RCF: 2810xg
6	Adapter	4x4x15 ml 1.5 ml, 5 ml, 7 ml, 10 ml

7	Adapter	4x8x15 ml 1.5 ml, 5 ml, 7 ml, 10 ml
8	Adapter	4x6x15 ml 1.5 ml, 5 ml, 7 ml, 10 ml
9	Adapter	4x2x50 ml 2x1.5 ml 5 ml, 7 ml 10 ml, 15 ml, 20 ml
10	Microplate Bucket	Capacity: 2x2x96 Max Speed: 4000 r/min Max RCF: 2200 xg



1



2



3



4



5



6



7



8



9



10

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BFH1BG1

TABLETOP LOW SPEED REFRIGERATED CENTRIFUGE



1. Brushless DC frequency motor with simpler construction, more reliable performance, longer life and quietly running.
2. Imported compressors, fluorine-free, double cycle cooling, cold and hot alternating easily, environment pollution-free and precise in temperature control.
3. Microprocessor control, LCD color display with touch key screen which indicates the speed, time, RCF in operation, speed raising and reducing quickly, operate simply. Running parameters can be edited.
4. 10 kinds of program stored in the memory, 10 kinds of accelerating and decelerating speed for your choice.
5. Automatically electric lid lock, super speed, over temperature protection and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.

SPECIFICATIONS

Model	BFH1BG1
Old Model	BCBLR-303
Max. Speed	5000rpm
Max. RCF	4730xg
Max. Capacity	4x250ml
Time Range	0~99min59sec
Noise	≤ 60dBA
Speed Accuracy	± 20r/min
Size (W x D x Hmm)	650x665x400mm
Net Weight(Kg)	110KG
Power supply	AC 220V 50HZ 15A

Temperature Range	-20~40℃
Package	Wooden box
Alt Name	Tabletop Low Speed Refrigerated Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Max speed (rpm)	Max Volume(ml)	Max RCF (g)
1	Swing out rotor	4000	4x250ml (round cup)	2880
2	Swing out rotor	4000	4x250ml (square cup)	2830
3	Swing out rotor	5000	4x50ml	4730
4	Swing out rotor	5000	4x100ml	205
5	Swing out rotor	4000	8x50ml	189
6	Swing out rotor	4000	16x15ml	3200
7	Swing out rotor	4000	24x15ml	189
8	Swing out rotor	4000	48x5ml vacuum tube	2480
9	Swing out rotor	4000	48x7ml vacuum tube	2760
10	Swing out rotor	4000	40x10ml vacuum tube	2880
11	Swing out rotor	4000	32x10ml vacuum tube	2580
12	Swing out rotor	4000	32x7ml vacuum tube adapter	2580
13	Swing out rotor	4000	32x5ml vacuum tube adapter	2580
14	Swing out rotor	4000	24x10ml vacuum tube	2580
15	Swing out rotor	4000	24x7ml vacuum tube adapter	2580
16	Swing out rotor	4000	24x5ml vacuum tube adapter	2580
17	Swing out rotor	4000	16x10ml vacuum tube	2580
18	Swing out rotor	4000	16x7ml vacuum tube adapter	2580
19	Swing out rotor	4000	16x5ml vacuum tube adapter	2580
20	Micro plate rotor	4000	2x3x48 well	2300
21	Micro plate rotor	4000	2x3x96 well	2490

FEATURES

1. Brushless DC frequency motor with simpler construction, more reliable performance, longer life and quietly running.
2. Imported compressors, fluorine-free, double cycle cooling, cold and hot alternating easily, environment pollution-free and precise in temperature control.
3. Microprocessor control, LCD color display with touch key screen which indicates the speed, time, RCF in operation, speed raising and reducing quickly, operate simply. Running parameters can be edited.
4. 10 kinds of program stored in the memory, 10 kinds of accelerating and decelerating speed for your choice.
5. Automatically electric lid lock, super speed, over temperature protection and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.
6. Rotor is connected to spindle by specialized taper sleeve, loading simple and quick, no direction.
7. There are several kinds of rotors for your choice, adapters can be designed by experimental requirements.
8. 3 layers protection of steel structure and get the ideal centrifugation result.

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE BFD1J1

BENCHTOP LOW SPEED REFRIGERATED CENTRIFUGE



SPECIFICATIONS

Model	BFD1J1
Old Model	BCBHR-313
Swing-Bucket Rotors	
--Max. Capacity	4 x 250 ml
--Max. Speed	5 000 rpm with 4 x 50 ml rotor / 4 x 100 ml rotor
--Max. RCF	4 650 Xg with 4 x 50 ml rotor / 4 x 100 ml rotor
Fixed-Angle Rotors	
Control System	Microprocessor
Refrigeration System	CFC-Free
Drive System	Direct, induction motor drive (Inverter Control)
Display	Full color touchscreen interface
Programmability	via easy access touchscreen menu
Program Storage	1 000 user-defined
Running Time	1 s - 99 h : 59 min : 59 s, Short
Timer	Count up or down
Speed Accuracy	± 10 r/min
Accel/Decel Profiles	40/40
Temp. Control Range	-20 °C to +40 °C
Temp. Accuracy	± 1 °C
Noise Level	≤ 56 dB(A)
Power Supply	AC 200-240 V, 50/60 Hz or AC 100-127 V, 50/60 Hz
Max. Power Consumption	1.2 KW
Dimension (W x D x H)	25.2 x 22 x 15.4 in / 64 x 56 x 39 cm
Weight w/o Rotor	176 lb / 80 kg
Alt Name	Benchtop Low Speed Refrigerated Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Rotor Capacity (places x volume, ml)	Tube Size (Φ x L in mm)	Max Speed (rpm)	Max RCF (g)
1	No. 1 Swing-out Rotor	Rotor Cross (order tube racks separately)	-	-	-
2		4 x 50 ml Tube Racks (set of 4 for each)	Φ29 x 111-116	5 000 rpm	4 650 Xg
3		4 x 100 ml Tube Racks (set of 4 for each)	Φ38 x 114	5 000 rpm	4 650 Xg
4	No. 2 Swing-out Rotor	Rotor Cross (order tube racks separately)	-	-	-

5		8 x 50 ml Tube Racks (set of 4 for each)	Φ29 x 111-116	4 000 rpm	2 980 Xg
6		8 x 100 ml	Φ38 x 114	4 000 rpm	2 980 Xg
7		24 x 10 ml	Φ16.5 x 86-110	4 000 rpm	2 980 Xg
8		24 x 15 ml	Φ17 x 121	4 000 rpm	2 980 Xg
9		32 x 15 ml	Φ17 x 121	4 000 rpm	2 980 Xg
10	No. 3-1 Swing-Bucket Rotor	Rotor Cross (order buckets, adapters separately)	-	-	-
11		4 x 250 ml Round Buckets (set of 4)	Φ63 x 111	4 000 rpm	2 980 Xg
12		4 x 100 ml	Φ38 x 114		
13		4 x 50 ml	Φ29 x 111-116		
14		8 x 50 ml (conical)	Φ29 x 116		
15		8 x 50 ml (round)	Φ29 x 111		
16		8 x 30 ml	Φ25.5 x 100		
17		20 x 15 ml	Φ17 x 121		
18		36 x 10 ml	Φ16.5 x 86-110		
19		20 x 5 ml (conical)	Φ17 x 60		
20		32 x 1.5/2.0 ml	Φ11 x 42		
21		32 x 2.0 ml	Φ10.8 x 44		
22		40 x 0.5 ml	Φ8 x 30		
23		20 x 10 ml virus sampling tube	Φ16 x 97-101		
24		28 x 4-10 ml blood collection/urine tube	Φ16 x 75-100/Φ15 x 75-102		
25		40 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100		
26		4 x 175/225 ml Falcon conical bottle	Φ61 x 118/137		
27	No. 3-2 Swing-Bucket Rotor	36 x 4-10 ml blood collection/urine tube	Φ16 x 75-100/Φ15 x 75-102	4 000 rpm	3 100 Xg
28	No. 3-3 Swing-Bucket Rotor	48 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4 000 rpm	3 100 Xg
29	No. 3-4 Swing-Bucket Rotor	64 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4 000 rpm	3 100 Xg
30	No. 4 Swing-Bucket Rotor	2 x 3 pcs microplates (96 wells) or 2 x 3 pcs microtiter plates or 2 x 2 pcs cell culture plates or 2 x 1 pc deep well plates	Load dimensions (WxDxH) up to 128x87x60 mm	4 000 rpm	1 970 Xg
31	No. 5-1 Fixed-Angle Rotor	12 x 15 ml	Φ17 x 121	6 000 rpm	5 120 Xg
32	No. 5-2 Fixed-Angle Rotor	6 x 50 ml	Φ29 x 111-116	6 000 rpm	5 120 Xg



2



6



9



11



13



14



29



30



31



32

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BFH1BL1

TABLETOP LOW SPEED REFRIGERATED CENTRIFUGE



1. Brushless DC frequency motor with simpler construction, more reliable performance, longer life and quietly running
2. Imported compressors, fluorine-free, double cycle cooling, cold and hot alternating easily, environment pollution-free and precise in temperature control.
3. Microprocessor control, digital display which indicates the speed, time, RCF in operation, speed raising and reducing quickly, operate simply. Running parameters can be edited.
4. 10 kinds of program stored in the memory, 10 kinds of accelerating and decelerating speed for your choice.
5. Automatically electric lid lock, super speed, over temperature protection and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.

SPECIFICATIONS

Model	BFH1BL1
Old Model	BCBLR-304
Max. Speed	5000rpm
Max. RCF	4730xg
Max. Capacity	4x300ml
Time Range	0~99min59sec
Noise	≤ 60dBA
Speed Accuracy	±20rpm
Size (W x D x Hmm)	640x665x420mm
Temperature accuracy	±1°C
Net Weight(Kg)	115KG
Power supply	AC 220V 50HZ 15A
Temperature range	-20~40°C
Package	Wooden box
Alt Name	Tabletop low speed Refrigerated Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Max speed (rpm)	Max Volume (ml)	Max RCF (g)
1	Swing out rotor	4000	4x300ml (round cup)	2920
2	Swing out rotor	4000	4x300ml (square cup)	2920
3	Swing out rotor	5000	4x50ml	4730
4	Swing out rotor	5000	4x100ml	4730
5	Swing out rotor	4000	8x100ml	3020
6	Swing out rotor	4000	8x50ml	3200
7	Swing out rotor	4000	24x15ml	3200
8	Swing out rotor	4000	32x15ml	3200
9	Swing out rotor	4000	24x10/7.5ml vacuum tube	2790
10	Swing out rotor	4000	16x10/7.5ml vacuum tube	2790
11	swing out rotor	4000	32x10ml vacuum tube	2790
12	swing out rotor	4000	32x7ml vacuum tube adapter	2790
13	swing out rotor	4000	32x5ml vacuum tube adapter	2790

14	swing out rotor	4000	48x10ml vacuum tube	2480
15	swing out rotor	4000	48x7ml vacuum tube	2760
16	swing out rotor	4000	48x5ml vacuum tube	2880
17	swing out rotor	4000	72x10ml vacuum tube	2840
18	swing out rotor	4000	96x7ml vacuum tube	3140
19	swing out rotor	4000	96x5ml vacuum tube	3140
20	Micro plate rotor	4000	2x3x48 well	2300
21	Micro plate rotor	4000	2x4x96 well	2490

FEATURES

1. Brushless DC frequency motor with simpler construction, more reliable performance, longer life and quietly running
2. Imported compressors, fluorine-free, double cycle cooling, cold and hot alternating easily, environment pollution-free and precise in temperature control.
3. Microprocessor control, digital display which indicates the speed, time, RCF in operation, speed raising and reducing quickly, operate simply. Running parameters can be edited.
4. 10 kinds of program stored in the memory, 10 kinds of accelerating and decelerating speed for your choice.
5. Automatically electric lid lock, super speed, over temperature protection and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.
6. Rotor is connected to spindle by specialized taper sleeve, loading simple and quick, no direction.
7. There are several kinds of rotors for your choice, adapters can be designed by experimental requirements.
8. 3 layers protection of steel structure and get the ideal centrifugation result.

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BFD1BD1

REFRIGERATED PRP CENTRIFUGE



SPECIFICATIONS

Model	BFD1BD1
Old Model	BCBLR-318
Max. RCF	3 620 Xg
Max. Speed	5 000 rpm
Max. Capacity	6 x 50 ml
Control System	Microprocessor
Refrigeration System	CFC-Free
Drive System	Direct, induction motor drive (brushless)
Display	Full color touchscreen interface
Programmability	via easy access touchscreen menu
Program Storage	1 000 user-defined

Running Time	1 s - 99 h : 59 min : 59 s, Short
Timer	Count up or down
Speed Accuracy	± 10 r/min
Accel/Decel Profiles	40/40
Temp. Control Range	-20 °C to +40 °C
Temp. Accuracy	± 1 °C
Noise Level	≤ 56 dB(A)
Power Supply	AC 200-240 V, 50/60 Hz or AC 100-127 V, 50/60 Hz
Max. Power Consumption	1.2 KW
Dimension (W x D x H)	25.2 x 22 x 15.4 in / 64 x 56 x 39 cm
Weight w/o Rotor	176 lb / 80 kg
Alt Name	Refrigerated PRP Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Rotor Capacity (places x volume, ml)	Max Speed (rpm)	Max RCF (g)
1	No.1-1 Swing-out Rotor	4 x 50 ml	4,000 rpm	3,000 Xg
2	No.1-2 Swing-out Rotor	16 x 10 ml syringe	4,000 rpm	3,000 Xg
3	No.2-1 Swing-out Rotor	8 x 15 ml PRP kits	4,000 rpm	3,100 Xg
4	No.2-2 Swing-out Rotor	8 x 20 ml syringe	4,000 rpm	3,100 Xg
5	No.3-1 Swing-out Rotor	4 x 30/60 ml PRP kits	4,000 rpm	3,200 Xg
6	No.3-2 Swing-out Rotor	4 x 50 ml syringe	4,000 rpm	3,380 Xg
7	No.4-1 Swing-out Rotor	24 x 10 ml blood collection tube	4,000 rpm	2,890 Xg
8	No.4-2 Swing-out Rotor	24 x 15 ml	4,000 rpm	2,950 Xg
9	No.5 Fixed-Angle Rotor	6 x 50 ml syringe	5,000 rpm	3,620 Xg



1



4



5



8

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BFH1BX1

TABLETOP BLOOD BANK REFRIGERATED CENTRIFUGE (4 BAGS)



1. Brushless DC frequency motor with simpler construction, more reliable performance, longer life and quietly running
2. Imported compressors, fluorine-free, double cycle cooling, cold and hot alternating easily, environment pollution-free and precise in temperature control.
3. Microprocessor control, digital display which indicates the speed, time, RCF in operation, speed raising and reducing quickly, operate simply. Running parameters can be edited.
4. 10 kinds of program stored in the memory, 10 kinds of
5. Automatically electric lid lock, super speed, over temperature protection and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.

SPECIFICATIONS

Model	BFH1BX1
Old Model	BBRC-101
Max. Speed	4000rpm
Max. RCF	3450xg
Max. Capacity	4x800ml
Time Range	0~99min59sec
Noise	≤ 60dBA
Speed Accuracy	±20rpm
Size (W x D x Hmm)	700x715x420mm
Temperature accuracy	±1°C
Temperature range	-20~40°C
Net Weight(Kg)	125KG
Power supply	AC 220V 50HZ 15A
Package	Wooden box
Alt Name	Tabletop Blood Bank Refrigerated Centrifuge

FEATURES

1. Brushless DC frequency motor with simpler construction, more reliable performance, longer life and quietly running
2. Imported compressors, fluorine-free, double cycle cooling, cold and hot alternating easily, environment pollution-free and precise in temperature control..
3. Microprocessor control, digital display which indicates the speed, time, RCF in operation, speed raising and reducing quickly, operate simply. Running parameters can be edited.
4. 10 kinds of program stored in the memory, 10 kinds of
5. Automatically electric lid lock, super speed, over temperature protection and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.
6. Rotor is connected to spindle by specialized taper sleeve, loading simple and quick, no direction.
7. 3 layers protection of steel structure and get the ideal centrifugation result

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BFD1X1

BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE



SPECIFICATIONS

Model	BFD1X1
Old Model	BCBLR-312

Max. Speed	5 000 rpm with 4 x 250 ml rotor / 4 x 50 ml rotor / 4 x 100 ml rotor
Max. RCF	5 200 Xg with 4 x 250 ml rotor
Max. Capacity	4 x 750 ml (4 000 rpm)
Control System	Microprocessor
Refrigeration System	CFC-Free
Drive System	Direct, induction motor drive (Inverter Control)
Display	Full color touchscreen interface
Programmability	via easy access touchscreen menu
Program Storage	1 000 user-defined
Running Time	1 s - 99 h : 59 min : 59 s, Short
Timer	Count up or down
Speed Accuracy	± 10 r/min
Accel/Decel Profiles	40/40
Temp. Control Range	-20 °C to +40 °C
Temp. Accuracy	± 1 °C
Noise Level	≤ 56 dB(A)
Power Supply	AC 200-240 V, 50/60 Hz or AC 100-127 V, 50/60 Hz
Max. Power Consumption	1.5 KW
Dimension (W x D x H)	26.8 x 23.6 x 16.5 in / 68 x 60 x 42 cm
Weight w/o Rotor	234 lb / 106 kg
Alt Name	Benchtop Low Speed Refrigerated Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Rotor Capacity (places x volume, ml)	Tube Size (Φ x L in mm)	Max Speed (rpm)	Max RCF (g)
1	No.1 Swing-out Rotor	4 x 50 ml	Φ29 x 111-116	5,000 rpm	4,650 Xg
2	No.1 Swing-out Rotor	4 x 100 ml	Φ38 x 114	5,000 rpm	4,650 Xg
3	No.2-1 Swing-out Rotor	8 x 50 ml	Φ29 x 111-116	4,000 rpm	2,980 Xg
4	No.2-1 Swing-out Rotor	8 x 100 ml	Φ38 x 114	4,000 rpm	2,980 Xg
5	No.2-1 Swing-out Rotor	24 x 10 ml	Φ16.5 x 86-110	4,000 rpm	2,980 Xg
6	No.2-1 Swing-out Rotor	24 x 15 ml	Φ17 x 121	4,000 rpm	2,980 Xg
7	No.2-1 Swing-out Rotor	32 x 10 ml	Φ16.5 x 86-110	4,000 rpm	2,980 Xg
8	No.2-1 Swing-out Rotor	32 x 15 ml	Φ17 x 121	4,000 rpm	2,980 Xg
9	No.2-2 Swing-Bucket Rotor	4 x 175/225 ml Falcon conical bottle	Φ61 x 118/137	4,000 rpm	2,980 Xg
10	No.2-3 Swing-Bucket Rotor	36 x 4-10 ml blood collection tube	Φ16 x 75-100/Φ15 x 75-102	4,000 rpm	3,300 Xg
11	No.2-4 Swing-Bucket Rotor	48 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4,000 rpm	3,300 Xg
12	No.2-5 Swing-Bucket Rotor	64 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4,000 rpm	3,300 Xg
13	No.3 Swing-Bucket Rotor	4 x 250 ml	Φ63 x 111	5,000 rpm	5,200 Xg
14	No.3 Swing-Bucket Rotor	4 x 100 ml	Φ38 x 114	5,000 rpm	5,200 Xg
15	No.3 Swing-Bucket Rotor	4 x 50 ml	Φ29 x 111-116	5,000 rpm	5,200 Xg
16	No.3 Swing-Bucket Rotor	8 x 50 ml conical	Φ29 x 116	5,000 rpm	5,200 Xg
17	No.3 Swing-Bucket Rotor	8 x 50 ml round	Φ29 x 111	5,000 rpm	5,200 Xg
18	No.3 Swing-Bucket Rotor	8 x 30 ml	Φ25.5 x 100	5,000 rpm	5,200 Xg
19	No.3 Swing-Bucket Rotor	20 x 15 ml	Φ17 x 121	5,000 rpm	5,200 Xg

20	No.3 Swing-Bucket Rotor	36 x 10 ml	Φ16.5 x 86-110	5,000 rpm	5,200 Xg
21	No.3 Swing-Bucket Rotor	20 x 5 ml conical	Φ17 x 60	5,000 rpm	5,200 Xg
22	No.3 Swing-Bucket Rotor	32 x 1.5/2.0 ml	Φ11 x 42	5,000 rpm	5,200 Xg
23	No.3 Swing-Bucket Rotor	32 x 2.0 ml	Φ10.8 x 44	5,000 rpm	5,200 Xg
24	No.3 Swing-Bucket Rotor	40 x 0.5 ml	Φ8 x 30	5,000 rpm	5,200 Xg
25	No.3 Swing-Bucket Rotor	20 x 10 ml virus sampling tube	Φ16 x 97-101	5,000 rpm	5,200 Xg
26	No.3 Swing-Bucket Rotor	28 x 4-10 ml blood collection/urine tube	Φ16 x 75-100/Φ15 x 75-102	5,000 rpm	5,200 Xg
27	No.3 Swing-Bucket Rotor	40 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	5,000 rpm	5,200 Xg
28	No.3 Swing-Bucket Rotor	32 x 15 ml	Φ17 x 121	5,000 rpm	5,200 Xg
29	No.4 Swing-Bucket Rotor	2 x 3 pcs microplates (96 wells) / 2 x 3 pcs microtiter plates / 2 x 2 pcs cell culture plates / 2 x 1 pc deep well plates	Load dimensions (WxDxH) up to 128x87x60 mm	4,000 rpm	1,970 Xg
30	No.5-1 Swing-Bucket Rotor	4 x 500 ml	Φ80 x 137	4,200 rpm	3,550 Xg
31	No.5-1 Swing-Bucket Rotor	4 x 250 ml	Φ63 x 111	4,200 rpm	3,550 Xg
32	No.5-1 Swing-Bucket Rotor	4 x 100 ml	Φ38 x 114	4,200 rpm	3,550 Xg
33	No.5-1 Swing-Bucket Rotor	16 x 50 ml conical	Φ29 x 116	4,200 rpm	3,550 Xg
34	No.5-1 Swing-Bucket Rotor	16 x 50 ml round	Φ29 x 111	4,200 rpm	3,550 Xg
35	No.5-1 Swing-Bucket Rotor	16 x 30 ml	Φ25.5 x 100	4,200 rpm	3,550 Xg
36	No.5-1 Swing-Bucket Rotor	36 x 15 ml	Φ17 x 121	4,200 rpm	3,550 Xg
37	No.5-1 Swing-Bucket Rotor	36 x 10 ml	Φ16.5 x 86-110	4,200 rpm	3,550 Xg
38	No.5-1 Swing-Bucket Rotor	36 x 5 ml conical	Φ17 x 60	4,200 rpm	3,550 Xg
39	No.5-1 Swing-Bucket Rotor	80 x 1.5/2.0 ml	Φ11 x 42	4,200 rpm	3,550 Xg
40	No.5-1 Swing-Bucket Rotor	60 x 2.0 ml	Φ10.8 x 44	4,200 rpm	3,550 Xg
41	No.5-1 Swing-Bucket Rotor	80 x 0.5 ml	Φ8 x 30	4,200 rpm	3,550 Xg
42	No.5-1 Swing-Bucket Rotor	36 x 10 ml virus sampling tube	Φ16 x 97-101	4,200 rpm	3,550 Xg
43	No.5-1 Swing-Bucket Rotor	56 x 4-10 ml blood collection/urine tube	Φ16 x 75-100/Φ15 x 75-102	4,200 rpm	3,550 Xg
44	No.5-1 Swing-Bucket Rotor	72 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4,200 rpm	3,550 Xg
45	No.5-1 Swing-Bucket Rotor	4 x 175/225 ml Falcon conical bottle	Φ61 x 118/137	4,200 rpm	3,550 Xg
46	No.5-2 Swing-Bucket Rotor	4 x 250 ml Corning conical bottle / 4 x 200 ml Nunc bottle	Φ60 x 164	4,200 rpm	3,550 Xg
47	No.6-2 Swing-Bucket Rotor	4 x 500 ml Corning conical bottle	Φ96 x 147	4,000 rpm	3,500 Xg
48	No.7 Swing-Bucket Rotor	6 x 250 ml	Φ63 x 111	4,000 rpm	3,580 Xg
49	No.7 Swing-Bucket Rotor	6 x 100 ml	Φ38 x 114	4,000 rpm	3,580 Xg

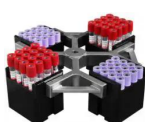
50	No.7 Swing-Bucket Rotor	6 x 50 ml	Φ29 x 111-116	4,000 rpm	3,580 Xg
51	No.7 Swing-Bucket Rotor	12 x 50 ml (conical)	Φ29 x 116	4,000 rpm	3,580 Xg
52	No.7 Swing-Bucket Rotor	12 x 50 ml (round)	Φ29 x 111	4,000 rpm	3,580 Xg
53	No.7 Swing-Bucket Rotor	12 x 30 ml	Φ25.5 x 100	4,000 rpm	3,580 Xg
54	No.7 Swing-Bucket Rotor	54 x 10 ml	Φ16.5 x 86-110	4,000 rpm	3,580 Xg
55	No.7 Swing-Bucket Rotor	30 x 5 ml (conical)	Φ17 x 60	4,000 rpm	3,580 Xg
56	No.7 Swing-Bucket Rotor	48 x 1.5/2.0 ml	Φ11 x 42	4,000 rpm	3,580 Xg
57	No.7 Swing-Bucket Rotor	48 x 2.0 ml	Φ10.8 x 44	4,000 rpm	3,580 Xg
58	No.7 Swing-Bucket Rotor	96 x 0.5 ml	Φ8 x 30	4,000 rpm	3,580 Xg
59	No.7 Swing-Bucket Rotor	30 x 10 ml virus sampling tube	Φ16 x 97-101	4,000 rpm	3,580 Xg
60	No.7 Swing-Bucket Rotor	42 x 4-10 ml blood collection/urine tube	Φ16 x 75-100 / Φ15 x 75-102	4,000 rpm	3,580 Xg
61	No.7 Swing-Bucket Rotor	60 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4,000 rpm	3,580 Xg



3



8



12



13



16



28



30



31

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BFD1K1

BENCHTOP LOW SPEED REFRIGERATED CENTRIFUGE



SPECIFICATIONS

Model	BFD1K1
Old Model	BCBLR-321
Swing-Bucket Rotors	
--Max. Capacity	4 x 750 ml
--Max. Speed	5 000 rpm with 4 x 250 ml rotor / 4 x 50 ml rotor / 4 x 100 ml rotor
--Max. RCF	5 200 Xg with 4 x 250 ml rotor
Fixed-Angle Rotors	
Control System	Microprocessor

Refrigeration System	CFC-Free
Drive System	Direct, induction motor drive (Inverter Control)
Display	Full color touchscreen interface
Programmability	via easy access touchscreen menu
Program Storage	1 000 user-defined
Running Time	1 s - 99 h : 59 min : 59 s, Short
Timer	Count up or down
Speed Accuracy	± 10 r/min
Accel/Decel Profiles	40/40
Temp. Control Range	-20 °C to +40 °C
Temp. Accuracy	± 1 °C
Noise Level	≤ 56 dB(A)
Power Supply	AC 200-240 V, 50/60 Hz or AC 100-127 V, 50/60 Hz
Max. Power Consumption	1.5 KW
Dimension (W x D x H)	26.8 x 23.6 x 16.5 in / 68 x 60 x 42 cm
Weight w/o Rotor	234 lb / 106 kg
Alt Name	Benchtop Low Speed Refrigerated Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Rotor Capacity (places x volume, ml)	Tube Size (Φ x L in mm)	Max Speed (rpm)	Max RCF (g)
1	No. 1 Swing-out Rotor	Rotor Cross (order tube racks separately)	-	-	-
2		Tube Racks (set of 4 for each) - 4 x 50 ml	Φ29 x 111-116	5 000 rpm	4 650 Xg
3		Tube Racks (set of 4 for each) - 4 x 100 ml	Φ38 x 114	5 000 rpm	4 650 Xg
4	No. 2-1 Swing-out Rotor	Rotor Cross (order tube racks separately)	-	-	-
5		8 x 50 ml	Φ29 x 111-116	4 000 rpm	2 980 Xg
6		8 x 100 ml	Φ38 x 114	4 000 rpm	2 980 Xg
7		24 x 10 ml	Φ16.5 x 86-110	4 000 rpm	2 980 Xg
8		24 x 15 ml	Φ17 x 121	4 000 rpm	2 980 Xg
9		32 x 10 ml	Φ16.5 x 86-110	4 000 rpm	2 980 Xg
10		32 x 15 ml	Φ17 x 121	4 000 rpm	2 980 Xg
11	No. 2-2 Swing-Bucket Rotor	4 x 175/225 ml Falcon conical bottle	Φ61 x 118/137	4 000 rpm	2 980 Xg
12	No. 2-3 Swing-Bucket Rotor	36 x 4-10 ml blood collection/urine tube	Φ16 x 75-100/Φ15 x 75-102	4 000 rpm	2 980 Xg
13	No. 2-4 Swing-Bucket Rotor	48 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4 000 rpm	3 100 Xg
14	No. 2-5 Swing-Bucket Rotor	64 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4 000 rpm	3 100 Xg
15	No. 3 Swing-Bucket Rotor	Rotor Cross (with a wind shield) - order buckets, tube racks, adapters separately	-	-	-

16		250 ml Round Buckets (set of 4) - 4 x 250 ml	Φ63 x 111	5 000 rpm	5 200 Xg
17		Adapters - 4 x 100 ml	Φ38 x 114		
18		4 x 50 ml	Φ29 x 111-116		
19		8 x 50 ml conical	Φ29 x 116		
20		8 x 50 ml round	Φ29 x 111		
21		8 x 30 ml	Φ25.5 x 100		
22		20 x 15 ml	Φ17 x 121		
23		36 x 10 ml	Φ16.5 x 86-110		
24		20 x 5 ml (conical)	Φ17 x 60		
25		32 x 1.5/2.0 ml	Φ11 x 42		
26		32 x 2.0 ml	Φ10.8 x 44		
27		40 x 0.5 ml	Φ8 x 30		
28		20 x 10 ml virus sampling tube	Φ16 x 97-101		
29		28 x 4-10 ml blood collection/urine tube	Φ16 x 75-100/Φ15 x 75-102		
30		40 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100		
31		Conical Buckets (set of 4) - 4 x 175/225 ml Falcon conical bottle	Φ61 x 118/137		
32	No. 4 Swing-Bucket Rotor	Tube Racks (sets of 4) - 32 x 15 ml	Φ17 x 121	4 000 rpm	1 970 Xg
33		2 x 3 pcs microplates (96 wells)	Load dimensions (WxDxH) up to 128x87x60 mm	4 000 rpm	1 970 Xg
34	No. 5-1 Swing-Bucket Rotor	Rotor Cross (order buckets, adapters separately)	-	-	-
35		500 ml Round Buckets (set of 4) - 4 x 500 ml	Φ80 x 137	4 200 rpm	3 550 Xg
36		4 x 250 ml	Φ63 x 111		
37		4 x 100 ml	Φ38 x 114		
38		16 x 50 ml conical	Φ29 x 116		
39		16 x 50 ml round	Φ29 x 111		
40		16 x 30 ml	Φ25.5 x 100		
41		36 x 15 ml	Φ17 x 121		
42		56 x 10 ml	Φ16.5 x 86-110		
43		36 x 5 ml conical	Φ17 x 60		
44		80 x 1.5/2.0 ml	Φ11 x 42		
45		60 x 2.0 ml	Φ10.8 x 44		
46		96 x 0.5 ml	Φ8 x 30		
47		36 x 10 ml virus sampling tube	Φ16 x 97-101		
48		56 x 4-10 ml blood collection/urine tube	Φ16 x 75-100/Φ15 x 75-102		
49		72 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100		
50		4 x 175/225 ml Falcon conical bottle	Φ61 x 118/137		
51	No. 5-1 Swing-Bucket Rotor	Rectangular Buckets (set of 4)	-	4 200 rpm	3 550 Xg
52		Adapters - 20 x 50 ml conical	Φ29 x 116		
53		20 x 50 ml round	Φ29 x 111		
54		20 x 30 ml	Φ25.5 x 100		
55		40 x 15 ml	Φ17 x 121		
56		40 x 5 ml (conical)	Φ17 x 60		
57		100 x 1.5/2.0 ml	Φ11 x 42		

58		100 x 2.0 ml	Φ10.8 x 44		
59		80 x 4-10 ml blood collection/urine tube	Φ16 x 75-100/Φ15 x 75-102		
60		112 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100		
61		Round Buckets - 148 x 5 ml Radio-immunity tube	Φ13 x 75-100		
62		Round Buckets - 96 x 1.6-7 ml blood collection tube	Φ13 x 75-100		
63		Plate Buckets - 4 x 2 pcs microplates / microtiter / cell culture / deep well	Load dimensions (WxDxH) up to 128x87x60 mm		
64	No. 5-2 Swing-Bucket Rotor	4 x 250 ml Corning conical bottle or 4 x 200 ml Nunc, bottle	Φ60 x 164	4 200 rpm	3 550 Xg
65	No. 6-1 Swing-Bucket Rotor	4 x 750 ml (can spin 4 x 400-450 ml blood bag without filter)	Φ100 x 141	4 000 rpm	3 500 Xg
66		Adapters - 4 x 500 ml	Φ80 x 137		
67		4 x 250 ml	Φ63 x 111		
68		12 x 100 ml	Φ38 x 114		
69		28 x 50 ml conical	Φ29 x 116		
70		28 x 50 ml round	Φ29 x 111		
71		28 x 30 ml	Φ25.5 x 100		
72		56 x 15 ml	Φ17 x 121		
73		72 x 10 ml	Φ16.5 x 86-110		
74		56 x 5 ml conical	Φ17 x 60		
75		96 x 1.5/2.0 ml	Φ11 x 42		
76		88 x 2.0 ml	Φ10.8 x 44		
77		96 x 0.5 ml	Φ8 x 30		
78		76 x 4-10 ml blood collection/urine tube	Φ16 x 75-100/Φ15 x 75-102		
79		96 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100		
80		148 x 5 ml Radio-immunity tube	Φ13 x 75-100		
81		4 x 30/50 ml Falcon, / Corning Cell Culture Flasks	-		
82		8 x 40 ml Nunc, Cell Culture Flasks (T-25 cm ²)	-		
83		4 x 160 ml Nunc, Cell Culture Flasks (T-75 cm ²)	-		
84		4 x 200 ml Falcon, / Greiner / Nunc, Cell Culture Flasks	-		
85	No. 6-2 Swing-Bucket Rotor	4 x 500 ml Corning conical bottle	Φ96 x 147	4 000 rpm	3 500 Xg
86	No. 7 Swing-Bucket Rotor	Adapters for 6 x 250 ml Rotor (sets of 6 for each) - 6 x 250 ml	Φ63 x 111	4 000 rpm	3 580 Xg
87		6 x 100 ml	Φ38 x 114		
88		6 x 50 ml (conical/round)	Φ29 x 116 / Φ29 x 111		
89		12 x 50 ml conical	Φ29 x 116		
90		12 x 50 ml round	Φ29 x 111		
91		12 x 30 ml	Φ25.5 x 100		
92		30 x 15 ml	Φ17 x 121		
93		54 x 10 ml	Φ16.5 x 86-110		
94		30 x 5 ml conical	Φ17 x 60		
95		48 x 1.5/2.0 ml	Φ11 x 42		
96		48 x 2.0 ml	Φ10.8 x 44		
97		60 x 0.5 ml	Φ8 x 30		
98		30 x 10 ml virus sampling tube	Φ16 x 97-101		
99		42 x 4-10 ml blood collection/urine tube	Φ16 x 75-100/Φ15 x 75-102		

100		112 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100		
101	No. 8-1 Fixed-Angle Rotor	12 x 15 ml	Φ17 x 121	6 000 rpm	5 120 Xg
102	No. 8-2 Fixed-Angle Rotor	6 x 50 ml	Φ29 x 111-116	6 000 rpm	5 120 Xg



10



14



16



32



35



36



38

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BFD1Y1

FLOOR STANDING LOW SPEED LARGE CAPACITY REFRIGERATED CENTRIFUGE



SPECIFICATIONS

Model	BFD1Y1
Old Model	BCBLR-313
Swing-Bucket Rotors	
--Max. Capacity	4 x 1000 ml or 4 blood bags
--Max. Speed	5 000 rpm
--Max. RCF	6 319 Xg
Fixed-Angle Rotors	
Control System	Microprocessor
Refrigeration System	CFC-Free
Drive System	Direct, induction motor drive (Inverter Control)
Display	Full color touchscreen interface
Programmability	via easy access touchscreen menu
Program Storage	1 000 user-defined
Running Time	1 s - 99 h : 59 min : 59 s, Short

Timer	Count up or down
Speed Accuracy	± 10 r/min
Accel/Decel Profiles	40/40
Temp. Control Range	-20 °C to +40 °C
Temp. Accuracy	± 1 °C
Noise Level	≤ 60 dB(A)
Power Supply	AC 200-240 V, 50 Hz or AC 200-240 V, 60 Hz
Max. Power Consumption	3 KW
Dimension (W x D x H)	31.5 x 27.6 x 32.7 in / 80 x 70 x 83 cm
Weight w/o Rotor	397 lb / 180 kg
Alt Name	Floor Standing Low Speed Large Capacity Refrigerated Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Rotor Capacity (places x volume, ml)	Tube Size (Φ x L in mm)	Max Speed (rpm)	Max RCF (g)
1	No.1 Fixed-Angle Rotor	6 x 500 ml	Φ74 x 170	6,000 rpm	6,693 Xg
2	No.2 Swing-Bucket Rotor	4 x 1000 ml	Φ100 x 175	5,000 rpm	6,319 Xg
3	No.2 Swing-Bucket Rotor	4 x 750 ml	Φ100 x 141	5,000 rpm	6,319 Xg
4	No.2 Swing-Bucket Rotor	4 x 500 ml	Φ80 x 137	5,000 rpm	6,319 Xg
5	No.2 Swing-Bucket Rotor	4 x 500 ml conical	Φ29 x 116	5,000 rpm	6,319 Xg
6	No.2 Swing-Bucket Rotor	4 x 250 ml	Φ63 x 111	5,000 rpm	6,319 Xg
7	No.2 Swing-Bucket Rotor	4 x 250 ml Corning conical bottle	Φ60 x 164	5,000 rpm	6,319 Xg
8	No.2 Swing-Bucket Rotor	4 x 175/225 ml Falcon conical bottle	Φ61 x 118/137	5,000 rpm	6,319 Xg
9	No.2 Swing-Bucket Rotor	12 x 100 ml	Φ38 x 114	5,000 rpm	6,319 Xg
10	No.2 Swing-Bucket Rotor	20 x 50 ml conical	Φ29 x 116	5,000 rpm	6,319 Xg
11	No.2 Swing-Bucket Rotor	20 x 50 ml round	Φ29 x 111	5,000 rpm	6,319 Xg
12	No.2 Swing-Bucket Rotor	20 x 30 ml	Φ25.5 x 100	5,000 rpm	6,319 Xg
13	No.2 Swing-Bucket Rotor	56 x 15 ml	Φ17 x 121	5,000 rpm	6,319 Xg
14	No.2 Swing-Bucket Rotor	72 x 10 ml	Φ16.5 x 86-110	5,000 rpm	6,319 Xg
15	No.2 Swing-Bucket Rotor	56 x 5 ml conical	Φ17 x 60	5,000 rpm	6,319 Xg
16	No.2 Swing-Bucket Rotor	96 x 1.5/2.0 ml	Φ11 x 42	5,000 rpm	6,319 Xg
17	No.2 Swing-Bucket Rotor	88 x 2.0 ml	Φ10.8 x 44	5,000 rpm	6,319 Xg
18	No.2 Swing-Bucket Rotor	96 x 0.5 ml	Φ8 x 30	5,000 rpm	6,319 Xg
19	No.2 Swing-Bucket Rotor	40 x 10 ml virus sampling tube	Φ16 x 97-101	5,000 rpm	6,319 Xg

20	No.2 Swing-Bucket Rotor	76 x 4-10 ml blood collection/urine tube	Φ16 x 75-100 / Φ15 x 75-102	5,000 rpm	6,319 Xg
21	No.2 Swing-Bucket Rotor	96 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	5,000 rpm	6,319 Xg
22	No.2 Swing-Bucket Rotor	4 x blood bags (various types)	-	5,000 rpm	6,319 Xg
23	No.2 Swing-Bucket Rotor	40 x 50 ml	Φ29 x 111-116	5,000 rpm	6,319 Xg
24	No.3 Swing-Bucket Rotor	6 x 500 ml	Φ80 x 137	5,000 rpm	6,121 Xg
25	No.3 Swing-Bucket Rotor	6 x 250 ml	Φ63 x 111	5,000 rpm	6,121 Xg
26	No.3 Swing-Bucket Rotor	6 x 100 ml	Φ38 x 114	5,000 rpm	6,121 Xg
27	No.3 Swing-Bucket Rotor	18 x 50 ml conical	Φ29 x 116	5,000 rpm	6,121 Xg
28	No.3 Swing-Bucket Rotor	18 x 50 ml round	Φ29 x 111	5,000 rpm	6,121 Xg
29	No.3 Swing-Bucket Rotor	18 x 30 ml	Φ25.5 x 100	5,000 rpm	6,121 Xg
30	No.3 Swing-Bucket Rotor	54 x 15 ml	Φ17 x 121	5,000 rpm	6,121 Xg
31	No.3 Swing-Bucket Rotor	84 x 10 ml	Φ16.5 x 86-110	5,000 rpm	6,121 Xg
32	No.3 Swing-Bucket Rotor	54 x 5 ml conical	Φ17 x 60	5,000 rpm	6,121 Xg
33	No.3 Swing-Bucket Rotor	90 x 1.5/2.0 ml	Φ11 x 42	5,000 rpm	6,121 Xg
34	No.3 Swing-Bucket Rotor	90 x 2.0 ml	Φ10.8 x 44	5,000 rpm	6,121 Xg
35	No.3 Swing-Bucket Rotor	108 x 0.5 ml	Φ8 x 30	5,000 rpm	6,121 Xg
36	No.3 Swing-Bucket Rotor	6 x 175/225 ml Falcon conical bottle	Φ61 x 118/137	5,000 rpm	6,121 Xg



1



2



24

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE BET1X1 BET1X2 BET1X3

BENCHTOP LOW SPEED REFRIGERATED CENTRIFUGES



- With single-chip microcomputers, self-developed control boards and high-torque AC brushless motors, these concentrators can run stably with lower noise, allowing for 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	BET1X1	BET1X2	BET1X3
Max speed	5,500r/min	6,500r/min	8,000r/min
Max RCF	4,800xg		6,460xg
Max capacity	4x500ml		
Refrigeration system	Imported fluorine-free refrigeration compressor unit		
Temperature control range	-20°C~+40°C		
Temperature control accuracy	±1°C		
Speed accuracy	±30r/min (customizable, multiples of 10)		
Number of running programs	20		
Total power	1.8kW		
Control and drive system	High torque AC brushless motor, microcomputer control		
Timer range	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation		
Noise	≤65dB(A)		
Weight	110kg		
Dimensions (LxWxH)	760mmx630mmx400mm		
Alt Name	Benchtop Low Speed Refrigerated Centrifuges		

ACCESSORIES FOR PURCHASE BET1X1

No	Name	Description
1	Fixed-angle Rotor 12x15ml (through-holes)	Max RPM: 5,500r/min Max RCF: 3,380xg
2	Swing-out rotor	Max RPM: 5,000r/min Max RCF: 4,800xg
3	Tube rack 5mL (ordinary tube)	Number of centrifuges: 5mLx48 holes Max r/min: 4,000r/min Max RCF: 2,360xg
4	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx48 holes Max r/min: 4,000r/min Max RCF: 2,830xg

5	Tube rack 50mL	Number of centrifuges: 50mLx4 holes Max RPM: 5,000r/min Max RCF: 4,620xg
6	Tube rack 10/15mL	Number of centrifuges: 15mLx24 holes Max RPM: 4,000r/min Max RCF: 2,960xg
7	Tube rack 15mL	Number of centrifuges: 15mLx32 holes Max RPM: 4,000r/min Max RCF: 2,960xg
8	Tube rack 50mL	Number of centrifuges: 50mLx8 holes Max RPM: 4,000r/min Max RCF: 2,960xg
9	Tube rack 100mL	Number of centrifuges: 100mLx4 holes Max RPM: 5,000r/min Max RCF: 4,800xg
10	Tube rack 100mL	Number of centrifuges: 100mLx8 holes Max RPM: 4,000r/min Max RCF: 3,070xg
11	Swing-out rotor	Max RPM: 4,000r/min Max RCF: 3,390xg
12	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx76 holes Max RPM: 4,000r/min Max RCF: 3,020xg
13	Tube rack 250mL (flat bottom)	Number of centrifuges: 250mLx4 holes Max RPM: 4,000r/min Max RCF: 2,840xg
14	Tube rack 250mL (conical bottom)	Number of centrifuges: 250mLx4 holes Max RPM: 4,000r/min Max RCF: 3,390xg
15	Swing-out rotor 4x500ml	Max RPM: 4,000r/min Max RCF: 3,360xg
16	Microplate Rotor 2x2x96 holes	Max RPM: 4,000r/min Max RCF: 2,360xg



1



2



3



4



5



6



7



8



9



10



11



12



13



14



15

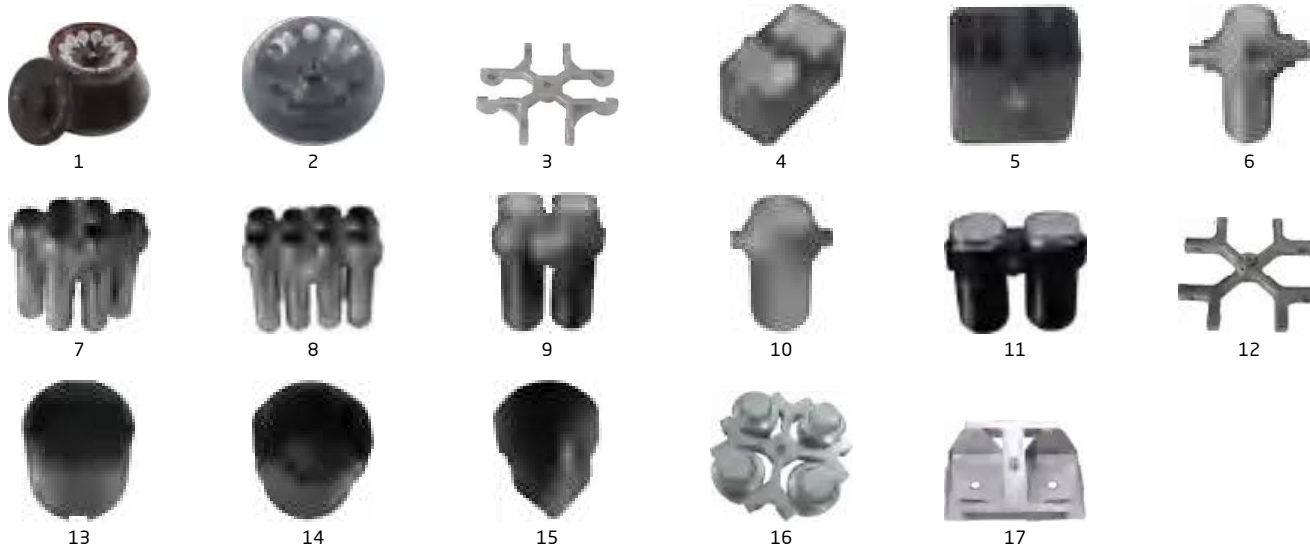


16

ACCESSORIES FOR PURCHASE BET1X2

No	Name	Description
1	Fixed-angle Rotor 12x10mL	Max RPM: 6,500r/min Max RCF: 4,260xg
2	Fixed-angle Rotor 12x15ml (through-holes)	Max RPM: 6,000r/min Max RCF: 4,030xg
3	Swing-out rotor	Max RPM: 5,000r/min Max RCF: 4,800xg
4	Tube rack 5mL (ordinary tube)	Number of centrifuges: 5mLx48 holes Max r/min: 4,000r/min Max RCF: 2,360xg
5	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx48 holes Max r/min: 4,000r/min Max RCF: 2,830xg
6	Tube rack 50mL	Number of centrifuges: 50mLx4 holes Max RPM: 5,000r/min Max RCF: 4,620xg
7	Tube rack 10/15mL	Number of centrifuges: 15mLx24 holes Max RPM: 4,000r/min Max RCF: 2,960xg
8	Tube rack 15mL	Number of centrifuges: 15mLx32 holes Max RPM: 4,000r/min Max RCF: 2,960xg
9	Tube rack 50mL	Number of centrifuges: 50mLx8 holes Max RPM: 4,000r/min Max RCF: 2,960xg
10	Tube rack 100mL	Number of centrifuges: 100mLx4 holes Max RPM: 5,000r/min Max RCF: 4,800xg
11	Tube rack 100mL	Number of centrifuges: 100mLx8 holes Max RPM: 4,000r/min Max RCF: 3,070xg
12	Swing-out rotor	Max RPM: 4,000r/min Max RCF: 3,390xg
13	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx76 holes Max RPM: 4,000r/min Max RCF: 3,020xg
14	Tube rack 250mL (flat bottom)	Number of centrifuges: 250mLx4 holes Max RPM: 4,000r/min Max RCF: 2,840xg

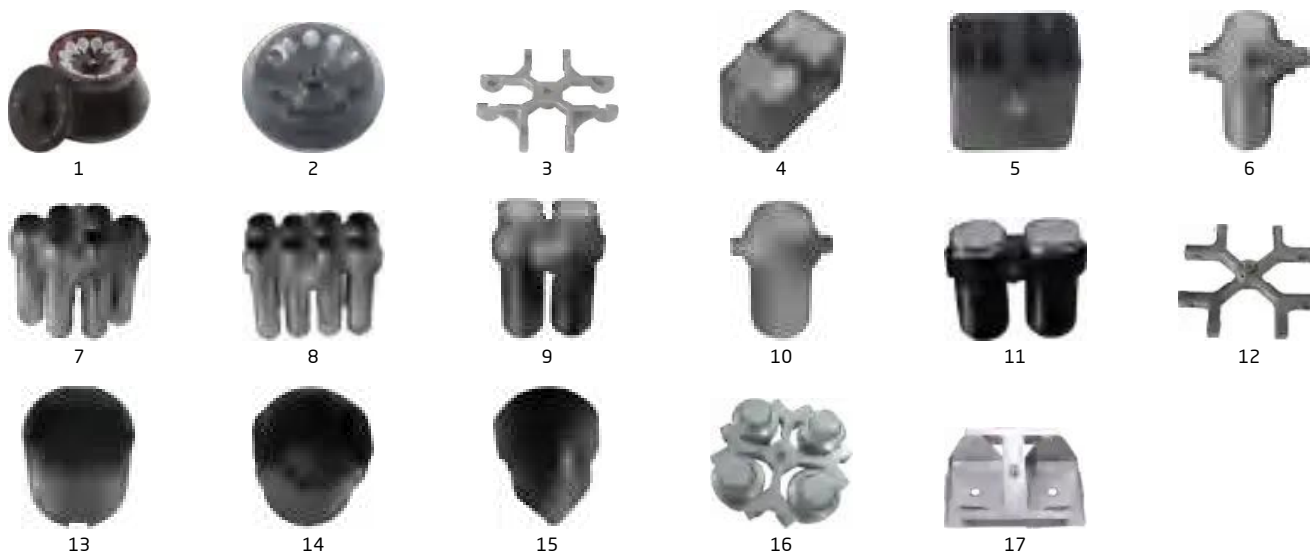
15	Tube rack 250mL (conical bottom)	Number of centrifuges: 250mLx4 holes Max RPM: 4,000r/min Max RCF: 3,390xg
16	Swing-out rotor 4x500ml	Max RPM: 4,000r/min Max RCF: 3,360xg
17	Microplate Rotor 2x2x96 holes	Max RPM: 4,000r/min Max RCF: 2,360xg



ACCESSORIES FOR PURCHASE BET1X3

No	Name	Description
1	Fixed-angle Rotor 12x10mL	Max RPM: 8,000r/min Max RCF: 6,460xg Bio-isolated rotor cover
2	Fixed-angle Rotor 12x15ml (through-holes)	Max RPM: 6,000r/min Max RCF: 4,030xg Bio-isolated rotor cover
3	Swing-out rotor	Max RPM: 5,000r/min Max RCF: 4,800xg
4	Tube rack 5mL (ordinary tube)	Number of centrifuges: 5mLx48 holes Max r/min: 4,000r/min Max RCF: 2,360xg
5	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx48 holes Max r/min: 4,000r/min Max RCF: 2,830xg
6	Tube rack 50mL	Number of centrifuges: 50mLx4 holes Max RPM: 5,000r/min Max RCF: 4,620xg
7	Tube rack 10/15mL	Number of centrifuges: 15mLx24 holes Max RPM: 4,000r/min Max RCF: 2,960xg
8	Tube rack 15mL	Number of centrifuges: 15mLx32 holes Max RPM: 4,000r/min Max RCF: 2,960xg

9	Tube rack 50mL	Number of centrifuges: 50mLx8 holes Max RPM: 4,000r/min Max RCF: 2,960xg
10	Tube rack 100mL	Number of centrifuges: 100mLx4 holes Max RPM: 5,000r/min Max RCF: 4,800xg
11	Tube rack 100mL	Number of centrifuges: 100mLx8 holes Max RPM: 4,000r/min Max RCF: 3,070xg
12	Swing-out rotor	Max RPM: 4,000r/min Max RCF: 3,390xg
13	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx76 holes Max RPM: 4,000r/min Max RCF: 3,020xg
14	Tube rack 250mL (flat bottom)	Number of centrifuges: 250mLx4 holes Max RPM: 4,000r/min Max RCF: 2,840xg
15	Tube rack 250mL (conical bottom)	Number of centrifuges: 250mLx4 holes Max RPM: 4,000r/min Max RCF: 3,390xg
16	Swing-out rotor 4x500ml	Max RPM: 4,000r/min Max RCF: 3,360xg
17	Microplate Rotor 2x2x96 holes	Max RPM: 4,000r/min Max RCF: 2,360xg



FEATURES

- With single-chip microcomputers, self-developed control boards and high-torque AC brushless motors, these concentrators can run stably with lower noise, allowing for 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.

- 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 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.
- 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).
- Paired with forged aerospace aluminum rotors (fix-angle rotors only) and a variety of optional polyamide fiber adapters, the centrifuges are suitable for 0.2mL to 500mL centrifuge tubes or reagent bottles and are able to centrifugate all types of MTP microplates, PCR plates, cell culture plates and deep well plates.
- CFDA registration and production qualification, with ISO 9001 (2015) and ISO 13485 (2016) certifications.

APPLICATIONS

Extraordinary experimental throughput and ergonomic design. With an experimental throughput as high as 4x500ml, they are ideal devices for benchtop low-speed refrigerated high-throughput applications, with extraordinary versatility. They are widely used in experiments and scientific research in the fields of biology, chemistry, medicine, agriculture and forestry, food safety, blood stations, clinical trials, etc.

MORE INFO

Tube rack	Adapter
10mL	1x1.5/2mL, 1x5mL
15mL	1x1.5/2mL, 1x5mL, 1x10mL
50mL	3x1.5/2mL, 1x5mL, 1x10mL, 1x10mL, 1x15mL, 1x20mL, 1x30mL
100mL	3x1.5/2mL, 4x5mL, 1x50mL
250mL	12x1.5/2mL, 9x5mL, 7x10mL, 1x50mL, 1x100mL
500mL	18x5mL, 12x10mL, 8x15mL, 4x50mL, 1x100mL, 1x250mL

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE BET2I1 BET2I2

BENCHTOP LOW SPEED LARGE CAPACITY REFRIGERATED CENTRIFUGES



- The new XIUI3.0 OS features microcomputer control, programmable operations, and direct drive by a variable frequency brushless motor for precise speed control.
- 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. The all-steel housing is treated with corrosion-resistant orange peel fine wrinkles showing full lines, featuring an industrial human-machine design that reflects a sense of safety while being visually appealing, and allowing a high recognition rate.
- They utilize imported fluorine-free refrigerating compressor units (refrigerant R404a) that meet the environmental requirements, with pre-cooling function and a wide temperature control range: -20°C to +40°C, quickly reaching the set temperature; the chamber is embedded with copper pipes complying with national stand

SPECIFICATIONS

Model	BET2I1	BET2I2
Max capacity	4x750ml	
Max speed	6,500r/min	8,000r/min
Max RCF	4,800xg	6,464xg
Speed accuracy	±20r/min (customizable, multiples of 10)	
Control and drive system	Microcomputer control, maintenance-free large-torque inverter brushless motor	
Display mode	7" wide-angle LCD touch screen	
Operation mode	Touch control (with local control option)	
Rotor recognition	Automated loading and locking of rotor parameters (optional)	
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	
Gears up/down	10 gears	
Timer range	1s-99h59min59s, with continuous centrifugation and instantaneous centrifugation	
Total power	1.5kW	
Noise	≤65dB(A)	
Power supply	AC220V 50Hz	
Weight	118kg	
Dimensions (LxWxH)	835mmx630mmx450mm	
Alt Name	Benchtop Low Speed Large Capacity Refrigerated Centrifuges	

ACCESSORIES FOR PURCHASE BET2I1

No	Name	Description
1	Fixed-angle Rotor 12x10mL	Max RPM: 6,500r/min Max RCF: 4284xg

2	Fixed-angle Rotor 12x15ml (through-holes)	Max RPM: 5,500r/min Max RCF: 3,390xg
---	--	---



1



2

No	Name	Description
1	Swing-out rotor	Max RPM: 5,000r/min Max RCF: 4,800xg
2	Tube rack 5mL (ordinary tube)	Number of centrifuges: 5mLx48 holes Max RPM: 4,000r/min Max RCF: 2,368xg
3	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx48 holes Max RPM: 4,000r/min Max RCF: 2,832xg
4	Tube rack 15mL	Number of centrifuges: 15mLx24 holes Max RPM: 4,000r/min Max RCF: 2,960xg
5	Tube rack 15mL	Number of centrifuges: 15mLx32 holes Max RPM: 4,000r/min Max RCF: 2,960xg
6	Tube rack 50mL	Number of centrifuges: 50mLx4 holes Max RPM: 5,000r/min Max RCF: 4,625xg
7	Tube rack 50mL	Number of centrifuges: 50mLx8 holes Max RPM: 4,000r/min Max RCF: 2,960xg
8	Tube rack 100mL	Number of centrifuges: 100mLx4 holes Max RPM: 5,000r/min Max RCF: 4,800xg
9	Tube rack 100mL	Number of centrifuges: 100mLx8 holes Max RPM: 4,000r/min Max RCF: 3,072xg
10	Swing-out rotor	Max RPM: 4,000r/min Max RCF: 3,024xg
11	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx76 holes Max RPM: 4,000r/min Max RCF: 3,024xg
12	Tube rack 250mL (flat bottom)	Number of centrifuges: 250mLx4 holes Max RPM: 4,000r/min Max RCF: 2,848xg
13	Swing-out rotor	Max RPM: 4,000r/min Max RCF: 3,024xg

14	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx124 holes Max RPM: 4,000r/min Max RCF: 3,584xg
15	750mL	Number of centrifuges: 750mLx4 holes Max RPM: 4,000r/min Max RCF: 3,536xg
16	Swing-out rotor 4x500ml	Max RPM: 4,000r/min Max RCF: 3,360xg
17	Microplate Rotor 2x2x96 holes	Max RPM: 4,000r/min Max RCF: 2,368xg
18	Microplate Rotor 4x2x96 holes	Max RPM: 4,000r/min Max RCF: 3,008xg



ACCESSORIES FOR PURCHASE BET212

No	Name	Description
1	Fixed-angle Rotor 12x10mL	Max RPM: 8,000r/min Max RCF: 6,464xg
2	Fixed-angle Rotor 12x15ml (through-holes)	Max RPM: 5,500r/min Max RCF: 3,390xg



No	Name	Description
1	Swing-out rotor	Max RPM: 5,000r/min Max RCF: 4,800xg
2	Tube rack 5mL (ordinary tube)	Number of centrifuges: 5mLx48 holes Max RPM: 4,000r/min Max RCF: 2,368xg

3	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx48 holes Max RPM: 4,000r/min Max RCF: 2,832xg
4	Tube rack 15mL	Number of centrifuges: 15mLx24 holes Max RPM: 4,000r/min Max RCF: 2,960xg
5	Tube rack 15mL	Number of centrifuges: 15mLx32 holes Max RPM: 4,000r/min Max RCF: 2,960xg
6	Tube rack 50mL	Number of centrifuges: 50mLx4 holes Max RPM: 5,000r/min Max RCF: 4,625xg
7	Tube rack 50mL	Number of centrifuges: 50mLx8 holes Max RPM: 4,000r/min Max RCF: 2,960xg
8	Tube rack 100mL	Number of centrifuges: 100mLx4 holes Max RPM: 5,000r/min Max RCF: 4,800xg
9	Tube rack 100mL	Number of centrifuges: 100mLx8 holes Max RPM: 4,000r/min Max RCF: 3,072xg
10	Swing-out rotor	Max RPM: 4,000r/min Max RCF: 3,024xg
11	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx76 holes Max RPM: 4,000r/min Max RCF: 3,024xg
12	Tube rack 250mL (flat bottom)	Number of centrifuges: 250mLx4 holes Max RPM: 4,000r/min Max RCF: 2,848xg
13	Swing-out rotor	Max RPM: 4,000r/min Max RCF: 3,024xg
14	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx124 holes Max RPM: 4,000r/min Max RCF: 3,584xg
15	750mL	Number of centrifuges: 750mLx4 holes Max RPM: 4,000r/min Max RCF: 3,536xg
16	Swing-out rotor 4x500ml	Max RPM: 4,000r/min Max RCF: 3,360xg
17	Microplate Rotor 2x2x96 holes	Max RPM: 4,000r/min Max RCF: 2,368xg
18	Microplate Rotor 4x2x96 holes	Max RPM: 4,000r/min Max RCF: 3,008xg



FEATURES

- The new XIUI3.0 OS features microcomputer control, programmable operations, and direct drive by a variable frequency brushless motor for precise speed control.
- 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. The all-steel housing is treated with corrosion-resistant orange peel fine wrinkles showing full lines, featuring an industrial human-machine design that reflects a sense of safety while being visually appealing, and allowing a high recognition rate.
- They utilize imported fluorine-free refrigerating compressor units (refrigerant R404a) that meet the environmental requirements, with pre-cooling function and a wide temperature control range: -20°C to +40°C, quickly reaching the set temperature; the chamber is embedded with copper pipes complying with national standards for strong hot and cold exchange capabilities and ensuring constant-temperature centrifugation.
- They feature multiple audio/visual early warning protection functions for overspeed, over temperature, imbalance, wrong operation, overcurrent, overvoltage, and antipinch. 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 soundabsorbing air duct. The patented carbon fiber hood is optional, and it can enable low temperature rise and low noise, providing a comfortable and reliable experimental environment.
- The door cover has an electronic lock and electric support rod, allowing for smooth and stable automatic one-button opening and closing. 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
- There are 10 gears for acceleration/deceleration and three-stage damping for shock absorption, ensuring stable sample operation without resuspension. They can store 99 groups of programs and be programmable according to user needs for point control, timing, differential timing, density, and gradient centrifugation, thus meeting diverse experimental requirements.
- The hidden drainage function allows for easy expulsion of condensate water with a gentle squeeze, thereby preventing motor failure due to condensate water and extending the centrifuge's lifespan.
- The optional rotor has an auto recognition function and can automatically load and lock rotor parameters; parameters may be modified during operation without the need to stop, and current parameters may be automatically saved.
- Paired with forged aerospace aluminum rotors (fix-angle rotors only) and a variety of optional polyamide fiber adapters, the centrifuges are suitable for 0.2mL to 750mL centrifuge tubes or reagent bottles and are able to centrifugate 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.

- The Bluetooth/Type C interface function is optional for short-range control via mini-programs, facilitating system upgrades and experimental data downloads.

APPLICATIONS

With an experimental throughput as high as 4x750ml, they are ideal devices for benchtop low-speed refrigerated high-throughput applications, with extraordinary versatility. They are widely used in experiments and scientific research in the fields of biology, chemistry, medicine, agriculture and forestry, food safety, blood stations, clinical trials, etc.

MORE INFO

Customizable per customer needs

Tube rack	Adapter
10mL	1x1.5/2mL, 1x5mL
15mL	1x1.5/2mL, 1x5mL, 1x10mL
50mL	3x1.5/2mL, 1x5mL, 1x10mL, 1x10mL, 1x15mL, 1x20mL, 1x30mL
100mL	3x1.5/2mL, 4x5mL, 1x50mL
250mL	12x1.5/2mL, 9x5mL, 7x10mL, 1x50mL, 1x100mL
500mL	18x5mL, 12x10mL, 8x15mL, 4x50mL, 1x100mL, 1x250mL
750mL	27x5mL, 15x10mL, 12x15mL, 7x50mL, 3x100mL, 1x300mL, 1x500mL

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BET101 BET102 BET103

VERTICAL LOW SPEED REFRIGERATED CENTRIFUGE



- With single-chip microcomputers, self-developed control boards and high-torque variable frequency AC motors, the centrifuge can run stably with lower noise, allowing for 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

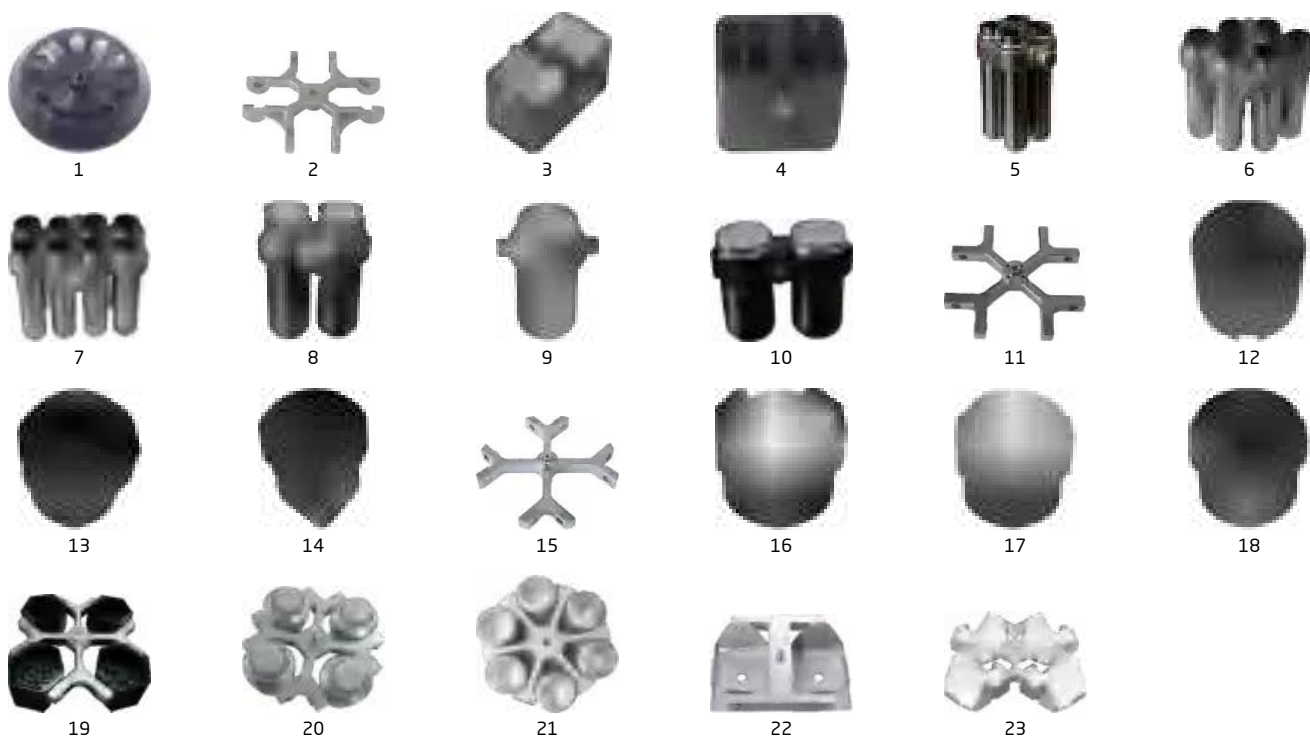
Model	BET101	BET102	BET103
Max speed	5,500r/min	6,500r/min	8,000r/min
Max RCF	4,800xg		6,460xg
Max capacity	4x750ml		
Refrigeration system	Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a		
Temperature control range	-20°C~+40°C		
Temperature control accuracy	±1°C		

Speed accuracy	±30r/min (customizable, multiples of 10)
Number of running programs	20
Control and drive system	High torque variable frequency AC motor, microcomputer control
Timer range	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation
Noise	≤65dB(A)
Total power	2.0kW
Weight	150kg
Dimensions (LxWxH)	580mmx740mmx800mm
Alt Name	Vertical Low Speed Refrigerated Centrifuge

ACCESSORIES FOR PURCHASE BET101

No	Name	Description
1	Fixed-angle Rotor 12x15mL	Max RPM: 5,500r/min Max RCF: 3,380xg
2	Swing-out rotor	Max RPM: 5,000r/min Max RCF: 4,800xg
3	Tube rack 5mL (ordinary tube)	Number of centrifuges: 5mLx48 holes Max RPM: 4,000r/min Max RCF: 2,360xg
4	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx48 holes Max RPM: 4,000r/min Max RCF: 2,830xg
5	Tube rack 15mL	Number of centrifuges: 15mLx16 holes Max RPM: 5,000r/min Max RCF: 4620xg
6	Tube rack 15mL	Number of centrifuges: 15mLx24 holes Max RPM: 4,000r/min Max RCF: 2,960xg
7	Tube rack 15mL	Number of centrifuges: 15mLx32 holes Max RPM: 4,000r/min Max RCF: 2,960xg
8	Tube rack 50mL	Number of centrifuges: 50mLx8 holes Max RPM: 4,000r/min Max RCF: 2,960xg
9	Tube rack 100mL	Number of centrifuges: 100mLx4 holes Max RPM: 5,000r/min Max RCF: 4,800xg
10	Tube rack 100mL	Number of centrifuges: 100mLx8 holes Max RPM: 4,000r/min Max RCF: 3,070xg
11	Swing-out rotor	Max RPM: 4,000r/min Max RCF: 3,390xg
12	Tube rack 2mL/5mL (blood collection tube)	Number of centrifuges: 5mLx76 holes Max RPM: 4,000r/min Max RCF: 3,020xg

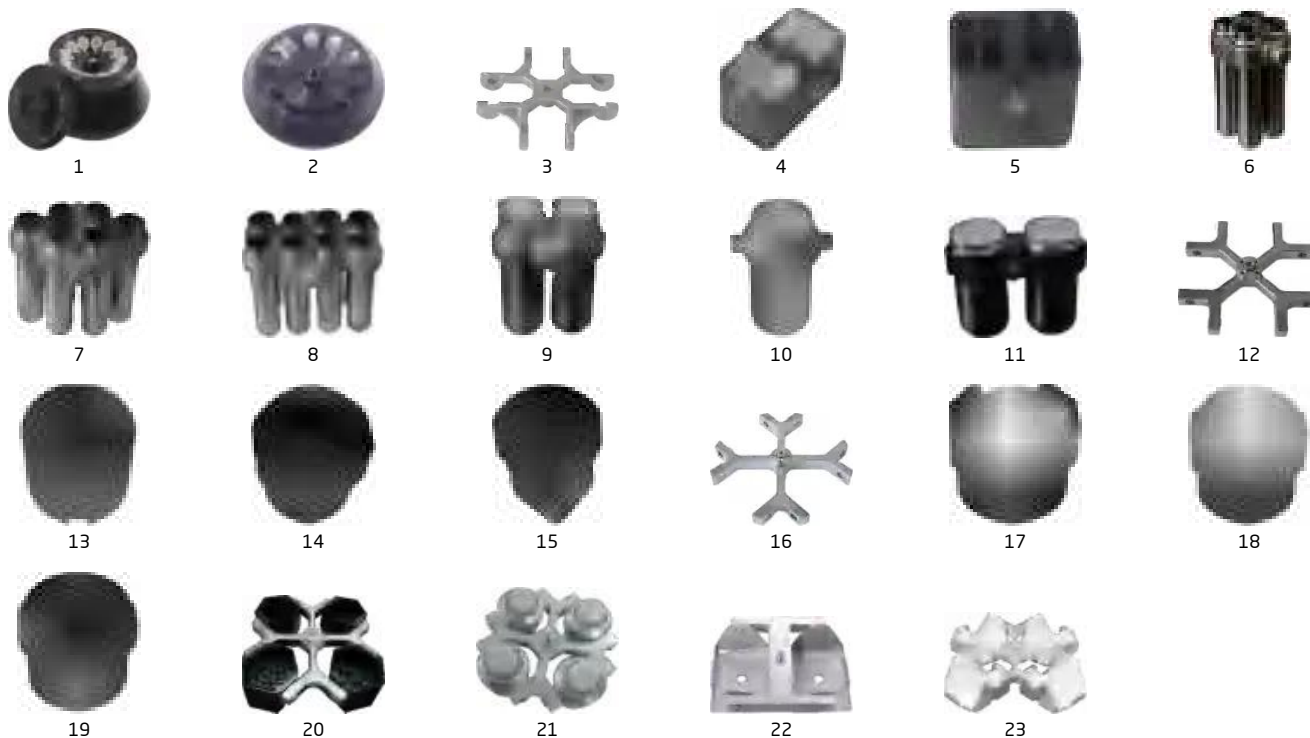
13	Tube rack 250mL (flat bottom)	Number of centrifuges: 250mLx4 holes Max RPM: 4,000r/min Max RCF: 2,840xg
14	Tube rack 250mL (conical bottom)	Number of centrifuges: 250mLx4 holes Max RPM: 4,000r/min Max RCF: 3,390xg
15	Swing-out rotor	Max RPM: 4,000r/min Max RCF: 3,580xg
16	Tube rack 2mL (blood collection tube)	Number of centrifuges: 2mLx124 holes Max RPM: 4,000r/min Max RCF: 3,580xg
17	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx124 holes Max RPM: 4,000r/min Max RCF: 3,580xg
18	Tube rack 750mL	Number of centrifuges: 750mLx4 holes Max RPM: 4,000r/min Max RCF: 3,520xg
19	Swing-out rotor 148 holes x 2mL/5mL (vacuum blood collection tube)	Max RPM: 4,000r/min Max RCF: 3,520xg
20	Swing-out rotor 4x500ml	Max RPM: 4,000r/min Max RCF: 3,360xg
21	Swing-out rotor 6x500mL	Max RPM: 3,600r/min Max RCF: 2,960xg
22	Microplate Rotor 2x2x96 holes	Max RPM: 4,000r/min Max RCF: 2,360xg
23	Microplate Rotor 4x2x96 holes	Max RPM: 4,000r/min Max RCF: 3,000xg



ACCESSORIES FOR PURCHASE BET102

No	Name	Description
1	Fixed-angle Rotor 12x10mL	Max RPM: 6,500r/min Max RCF: 4,260xg
2	Fixed-angle Rotor 12x15mL	Max RPM: 6,000r/min Max RCF: 4,030xg
3	Swing-out rotor	Max RPM: 5,000r/min Max RCF: 4,800xg
4	Tube rack 5mL (ordinary tube)	Number of centrifuges: 5mLx48 holes Max RPM: 4,000r/min Max RCF: 2,360xg
5	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx48 holes Max RPM: 4,000r/min Max RCF: 2,830xg
6	Tube rack 15mL	Number of centrifuges: 15mLx16 holes Max RPM: 5,000r/min Max RCF: 4620xg
7	Tube rack 15mL	Number of centrifuges: 15mLx24 holes Max RPM: 4,000r/min Max RCF: 2,960xg
8	Tube rack 15mL	Number of centrifuges: 15mLx32 holes Max RPM: 4,000r/min Max RCF: 2,960xg
9	Tube rack 50mL	Number of centrifuges: 50mLx8 holes Max RPM: 4,000r/min Max RCF: 2,960xg
10	Tube rack 100mL	Number of centrifuges: 100mLx4 holes Max RPM: 5,000r/min Max RCF: 4,800xg
11	Tube rack 100mL	Number of centrifuges: 100mLx8 holes Max RPM: 4,000r/min Max RCF: 3,070xg
12	Swing-out rotor	Max RPM: 4,000r/min Max RCF: 3,390xg
13	Tube rack 2mL/5mL (blood collection tube)	Number of centrifuges: 5mLx76 holes Max RPM: 4,000r/min Max RCF: 3,020xg
14	Tube rack 250mL (flat bottom)	Number of centrifuges: 250mLx4 holes Max RPM: 4,000r/min Max RCF: 2,840xg
15	Tube rack 250mL (conical bottom)	Number of centrifuges: 250mLx4 holes Max RPM: 4,000r/min Max RCF: 3,390xg
16	Swing-out rotor	Max RPM: 4,000r/min Max RCF: 3,580xg

17	Tube rack 2mL (blood collection tube)	Number of centrifuges: 2mLx124 holes Max RPM: 4,000r/min Max RCF: 3,580xg
18	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx124 holes Max RPM: 4,000r/min Max RCF: 3,580xg
19	Tube rack 750mL	Number of centrifuges: 750mLx4 holes Max RPM: 4,000r/min Max RCF: 3,520xg
20	Swing-out rotor 148 holes x 2mL/5mL (vacuum blood collection tube)	Max RPM: 4,000r/min Max RCF: 3,520xg
21	Swing-out rotor 4x500ml	Max RPM: 4,000r/min Max RCF: 3,360xg
22	Microplate Rotor 2x2x96 holes	Max RPM: 4,000r/min Max RCF: 2,360xg
23	Microplate Rotor 4x2x96 holes	Max RPM: 4,000r/min Max RCF: 3,000xg

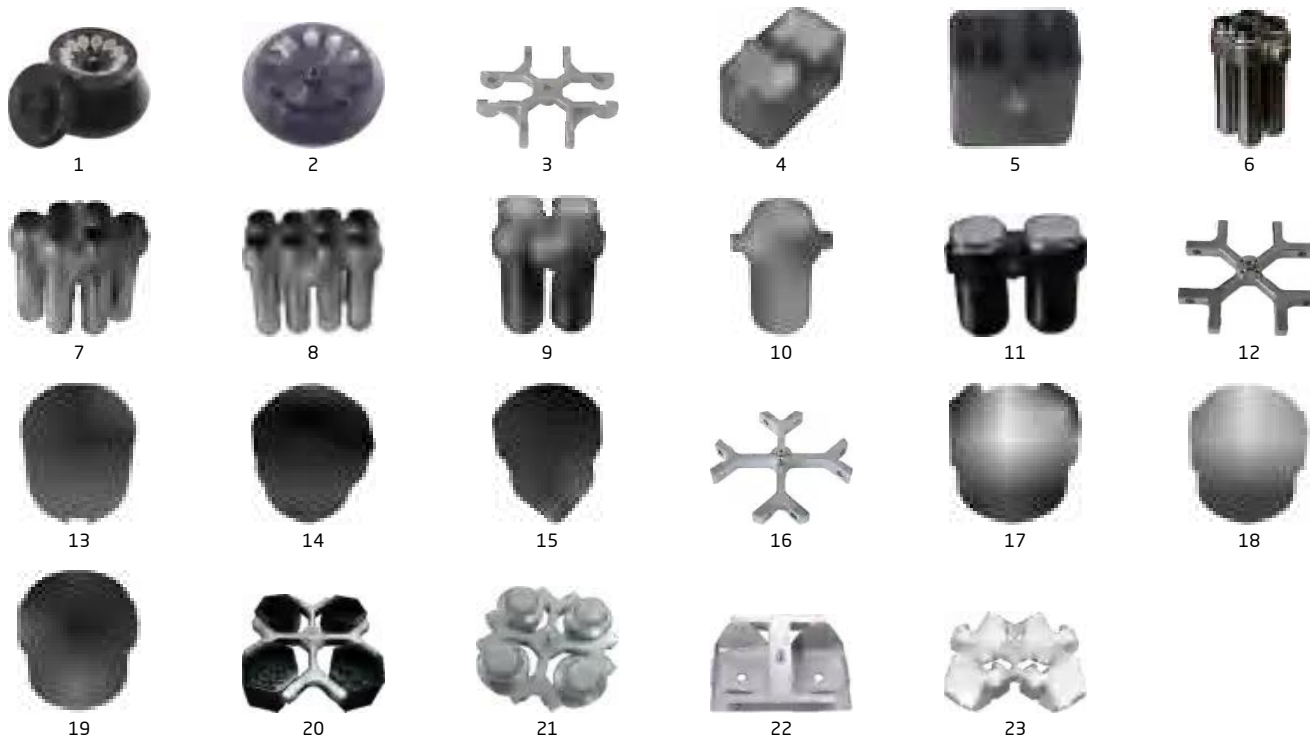


ACCESSORIES FOR PURCHASE BET103

No	Name	Description
1	Fixed-angle Rotor 12x10mL	Max RPM: 8,000r/min Max RCF: 6,460xg
2	Fixed-angle Rotor 12x15mL	Max RPM: 6,000r/min Max RCF: 4,030xg
3	Swing-out rotor	Max RPM: 5,000r/min Max RCF: 4,800xg

4	Tube rack 5mL (ordinary tube)	Number of centrifuges: 5mLx48 holes Max RPM: 4,000r/min Max RCF: 2,360xg
5	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx48 holes Max RPM: 4,000r/min Max RCF: 2,830xg
6	Tube rack 15mL	Number of centrifuges: 15mLx16 holes Max RPM: 5,000r/min Max RCF: 4620xg
7	Tube rack 15mL	Number of centrifuges: 15mLx24 holes Max RPM: 4,000r/min Max RCF: 2,960xg
8	Tube rack 15mL	Number of centrifuges: 15mLx32 holes Max RPM: 4,000r/min Max RCF: 2,960xg
9	Tube rack 50mL	Number of centrifuges: 50mLx8 holes Max RPM: 4,000r/min Max RCF: 2,960xg
10	Tube rack 100mL	Number of centrifuges: 100mLx4 holes Max RPM: 5,000r/min Max RCF: 4,800xg
11	Tube rack 100mL	Number of centrifuges: 100mLx8 holes Max RPM: 4,000r/min Max RCF: 3,070xg
12	Swing-out rotor	Max RPM: 4,000r/min Max RCF: 3,390xg
13	Tube rack 2mL/5mL (blood collection tube)	Number of centrifuges: 5mLx76 holes Max RPM: 4,000r/min Max RCF: 3,020xg
14	Tube rack 250mL (flat bottom)	Number of centrifuges: 250mLx4 holes Max RPM: 4,000r/min Max RCF: 2,840xg
15	Tube rack 250mL (conical bottom)	Number of centrifuges: 250mLx4 holes Max RPM: 4,000r/min Max RCF: 3,390xg
16	Swing-out rotor	Max RPM: 4,000r/min Max RCF: 3,580xg
17	Tube rack 2mL (blood collection tube)	Number of centrifuges: 2mLx124 holes Max RPM: 4,000r/min Max RCF: 3,580xg
18	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx124 holes Max RPM: 4,000r/min Max RCF: 3,580xg

19	Tube rack 750mL	Number of centrifuges: 750mLx4 holes Max RPM: 4,000r/min Max RCF: 3,520xg
20	Swing-out rotor 148 holes x 2mL/5mL (vacuum blood collection tube)	Max RPM: 4,000r/min Max RCF: 3,520xg
21	Swing-out rotor 4x500ml	Max RPM: 4,000r/min Max RCF: 3,360xg
22	Microplate Rotor 2x2x96 holes	Max RPM: 4,000r/min Max RCF: 2,360xg
23	Microplate Rotor 4x2x96 holes	Max RPM: 4,000r/min Max RCF: 3,000xg



FEATURES

- With single-chip microcomputers, self-developed control boards and high-torque variable frequency AC motors, the centrifuge can run stably with lower noise, allowing for 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.
- 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 (Chinese, English, Russian, Portuguese).
- 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.
- 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; modification of control parameters of the running rotor at any time.
- 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.

APPLICATIONS

With an experimental throughput of up to 3L (4x750mL), these centrifuges are extraordinarily versatile with 13 sets of optional rotors. They are widely used in experiments and scientific research in the fields of biology, chemistry, medicine, agriculture and forestry, food safety, blood stations, clinical trials, etc

MORE INFO

Customizable per customer needs

Tube rack	Adapter
10mL	1x1.5/2mL, 1x5mL
15mL	1x1.5/2mL, 1x5mL, 1x10mL
50mL	3x1.5/2mL, 1x5mL, 1x10mL, 1x10mL, 1x15mL, 1x20mL, 1x30mL
100mL	3x1.5/2mL, 4x5mL, 1x50mL
250mL	12x1.5/2mL, 9x5mL, 7x10mL, 1x50mL, 1x100mL
500mL	18x5mL, 12x10mL, 8x15mL, 4x50mL, 1x100mL, 1x250mL
750mL	27x5mL, 15x10mL, 12x15mL, 7x50mL, 3x100mL, 1x300mL, 1x500mL

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BFD1BC1

CORE ANALYSIS CENTRIFUGE



SPECIFICATIONS

Model	BFD1BC1
Old Model	BCBLR-317
Max. Capacity When Use for Core Analysis Experiments	12 places rotor (Equipped with special separation steel ball.)
Max. Speed	18 500 rpm, can separate water from 10.74nm micropores.
Max. RCF	42 000 Xg
Max. Capillary Pressure	13.40 MPa
Control System	Microprocessor
Refrigeration System	CFC-Free
Rotor Identification	Auto-ID Instant, automatic
Rotor Locking System	Auto-Lock
Drive System	Direct, high-performance induction motor driving (Inverter Control)
Running Time	1 min - 99 h : 59 min, Pulse
Speed Accuracy	± 10 r/min
Programs	12 user-defined
Accel/Decel Profiles	40/40
Temp. Control Range	-20 °C to +40 °C in 1 °C increments
Temp. Accuracy	± 1 °C
Noise Level	≤ 65 dB(A)
Power Supply	AC 200-240 V, 50 Hz or AC 200-240 V, 60 Hz
Max. Power Consumption	5 KW
Safety Device	Overspeed protection, imbalance protection, overcurrent protection, lid interlock system, lid open/close detection, steel housing, corrosion-resistant stainless steel centrifuge chamber, additional inner steel armored guard ring, steel lid, etc.
Dimension (W x D x H)	28.7 x 33.5 x 36.6 in / 73 x 85 x 93 cm
Weight with Rotor	617 lb / 280 kg
Alt Name	Core Analysis Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Rotor Capacity (places x volume, ml)	Tube Size (Φ x L in mm)	Max Speed (rpm)	Max RCF (g)
1	No.1 Fixed-Angle Rotor	12 places rotor for core analysis experiments (Equipped with special separation steel ball.)	-	18,500 rpm	42,000 Xg
2	No.2 Fixed-Angle Rotor	4 x 1,000 ml	Φ97 x 166	8,000 rpm	12,040 Xg



LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BET1N2

LARGE CAPACITY 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	BET1N2
Max capacity	6x1,000mL
Max speed	6,000r/min
Max RCF	6399xg
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
Total power	4.0kW
Noise	< 65dB (A)
Weight	270kg
Dimensions (LxWxH)	710mmx910mmx950mm
Alt Name	Large Capacity Refrigerated Centrifuges

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Fixed-angle Rotor 6x500mL	Max RPM: 6,000r/min Max RCF: 6399xg Bio-isolated rotor cover
2	Swing-out rotor 6x1,000mL	Max RPM: 4,200r/min Max RCF: 5,167xg Standard hood



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 (Chinese, English).
- 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 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.
- 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.
- 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.

APPLICATIONS

The centrifuges are widely used in fields such as healthcare (hospitals, CDCs, blood centers, animal husbandry and aquaculture, radioimmunity); research (universities, research institutes, R&D centers, laboratories); production (bioengineering, biopharmaceuticals, genetic engineering, biochemistry, plant extraction, blood preparation, food processing, petrochemical, milk fat separation).



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com