



LABORATORY LOW SPEED CENTRIFUGE

LABORATORY LOW SPEED CENTRIFUGE

Designed around your applications to provide you competent sample processing and reliable results. Microcomputer programmable with excellent temperature controls and low noise operation maximize your productivity. Highly efficient with low maintenance requirements, it is an ideal separation tool for multiple research applications.

Used in Cell Separation, Precipitation, Sample Processing, Clinical, Cell Culture, Microplate Processing, Biochemistry, medical diagnosis.

Also known as Floor Standing Centrifuge, Laboratory Floor Type Centrifuge, Benchtop Centrifuge, Non Refrigerated High Speed Centrifuge, Laboratory Tabletop Centrifuge.

BCFL-101 FLOOR TYPE LOW SPEED CENTRIFUGE



Microcomputer controlled programmable operation with touch panel

TFT true-colour LCD wide screen displays set and run conditions for easy monitoring
Brushless DC Motor ensures low maintenance, high efficiency and constant speed of rotation

Store 20 programs in centrifuge memory which are retained even after powering down the centrifuge

Fully stainless steel structure and stainless steel cavity makes the machine safe and more efficient

Dedicated key indicating centrifugal force

Special driver module ensures circuit's reliability

Multiple layers of shock absorbers with auto balancing function

System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors

Safety features: Self diagnostic, Rotor imbalance detector, Lid protection, over speed protection, over temperature protection

SPECIFICATIONS

Model	BCFL-101
Maximum Capacity (No of tubes x Vol.)	6x500 ml
Maximum Speed	5000 rpm
Speed Increment	±50 rpm
Maximum RCF	4800×g
Time Range	0-99 h 59 min
Overall Dimension	580mm×740mm×800mm
Program	20 user programs
Control	Microcomputer
Display	LCD
Noise Level	≤65dB(A)
Weight (Net/Gross)	85/100 kg
Power	800W
Power Supply	220V, 50Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF×g
2301417006	Swinging-bucket Rotor	148x 7 ml	4000	3780×g

2301417007	Swinging-bucket Rotor	6x 500 ml round	3600	2980xg
2301417008	Swinging-bucket Rotor	4x 500 ml elliptic	4000	3780xg
2301417009	Swinging-bucket Rotor	4x 250 ml	4000	3600xg
2301417010	Swinging-bucket Rotor			
2301417011	Swinging-bucket Rotor- Buckets	4x100ml	5000	4390xg
2301417012	Swinging-bucket Rotor- Buckets	8x50ml	4000	2810xg
2301417013	Swinging-bucket Rotor- Buckets	32x15ml	4000	2810xg
2301417014	Swinging-bucket Rotor- Buckets	48x 5ml/2ml	4000	2810xg
2301417015	Swinging-bucket Rotor	76x 5ml/2ml	4000	2810xg
2301417016	Swing Micro-Plate Rotor	2x2x96 2x2x96 places	4000	2360xg

BCFL-202 BENCHTOP LOW SPEED CENTRIFUGE



Brushless DC frequency motor with simpler construction, more reliable performance, longer life and quietly running

Automatically electric lid lock, super speed, over temperature protection and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable

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

Microprocessor control, TD5A with digital display and TD5C with LCD display which indicate the speed, time, RCF in operation, speed raising and reducing quick, operate simply

10 kinds of program stored in the memory, 10 kinds of accelerating and decelerating speed for your choice

Three layers protection of steel structure and get the ideal centrifugation result

SPECIFICATIONS

Model	BCFL-202
Maximum Capacity (No of tubes x Vol.)	4x300 ml
Maximum Speed	5000 rpm
Speed Accuracy	±20 rpm
Maximum RCF	4730xg
Time Range	0-99 min
Overall Dimension	621x450x360 mm
Noise Level	≤58 dB(A)
Net. Weight	52 kg
Power Supply	AC 220V 50HZ 10A
Package	Wooden box

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF _{xg}
2301507006	Swing out rotor	4x300 ml (round cup)	4000	2920xg
2301507007	Swing out rotor	4x300 ml (square cup)	4000	2920xg
2301507008	Swing out rotor	4x50 ml	5000	4730xg
2301507009	Swing out rotor	4x100 ml	5000	4730xg
2301507010	Swing out rotor	8x100 ml	4000	3020xg

2301507011	Swing out rotor	8x50 ml	4000	3200xg
2301507012	Swing out rotor	24x15 ml	4000	3200xg
2301507013	Swing out rotor	32x15 ml	4000	2790xg
2301507014	Swing out rotor	24x10/7/5 ml vacuum tube	4000	2790xg
2301507015	Swing out rotor	16x10/7/5 ml vacuum tube	4000	2790xg
2301507016	Swing out rotor	32x10 ml vacuum tube	4000	2790xg
2301507017	Swing out rotor	32x7 ml vacuum tube adapter	4000	2790xg
2301507018	Swing out rotor	32x5 ml vacuum tube adapter	4000	2790xg
2301507019	Swing out rotor	48x10 ml vacuum tube	4000	2480xg
2301507020	Swing out rotor	48x7 ml vacuum tube	4000	2760xg
2301507021	Swing out rotor	48x5 ml vacuum tube	4000	2880xg
2301507022	Swing out rotor	72x10 ml vacuum tube	4000	2840xg
2301507023	Swing out rotor	88x7 ml vacuum tube	4000	3140xg
2301507024	Swing out rotor	88x5 ml vacuum tube	4000	3140xg
2301507025	Micro plate rotor	2x3x48 well	4000	2300xg
2301507026	Micro plate rotor	2x4x96 well	4000	2490xg

BCFL-203 BENCHTOP LOW SPEED CENTRIFUGE



Programmable microprocessor control system, big LCD indicates rotor No., speed, time, temperature, RCF, rate of

speed as well as fault information

Adopts band heater, fast heating speed, temperature uniform, with the function of temperature-control and constant

Great torque brushless motor, maintenance-free, no powder, fast acceleration and deceleration, low noise, which improve the stability a lot

Electric lid lock, over-speed and over-temperature protection

3 phase to keep the best performance

Stainless steel chamber, safe and reliable

SPECIFICATIONS

Model	BCFL-203
Maximum Capacity (No of tubes x Vol.)	4x100 ml
Maximum Speed	4000 rpm
Speed Accuracy	±20 rpm
Maximum RCF	3200xg
Time Range	1~99h59min59sec
Overall Dimension	685x500x405 mm
Temperature Range	Room temperature +10~90°C
Noise Level	≤60 dBA
Net. Weight	67 kg
Power Supply	AC 220V 50HZ 10A
Package	Wooden box

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF _{xg}
2301508006	oil testing rotor	4x100ml	2000	957 _{xg}
2301508007	Swing rotor	4x8x10/15 ml	4000	3200 _{xg}
2301508008	Swing rotor	4x6x10/15 ml	4000	3200 _{xg}
2301508009	Swing rotor	4x4x10/15 ml	4000	3200 _{xg}

BCBL-109 BENCHTOP LOW SPEED CENTRIFUGE



Microcomputer controlled programmable operation with touch panel
 LED screen displays set and run conditions for easy monitoring
 Brushless DC Motor ensures low maintenance, high efficiency and constant speed of rotation
 High quality Stainless Steel chamber
 Durable ABS housing resists chemical spills and limits noise
 Real-time conversion of RPM/RCF
 Automatic storage of working data
 Dependable performance that maximizes your productivity
 Minimize sample disturbance during bucket loading and unloading
 System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors
 Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, over speed protection, over temperature protection

SPECIFICATIONS

Model	BCBL-109
Maximum Capacity (No of tubes x Vol.)	500 mlx4
Maximum Speed	6000 rpm
Speed Increment	±10 rpm
Maximum RCF	5300 _{xg}
Time Range	0-99 h 59 min
Overall Dimension	460x540x340 mm
Program	5 user programs
Control	Microcomputer
Display	LCD
Noise Level	<65dB(A)
Weight (Net/Gross)	35 kg
Power	275 W
Power Supply	221V 50Hz 10A

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF _{xg}
2301429006	Angle rotor	15 mlx12	6000	5300 _{xg}
2301429007	Swing rotor	250 mlx4	4300	3582 _{xg}

2301429008	Swing rotor	50 mlx8	4300	3582xg
2301429009	Swing rotor	10 mlx32	4300	3582xg
2301429010	Swing rotor	500 mlx4	4000	3100xg
2301429011	Microplate rotor	8x96well	4000	2200xg

200 BENCHTOP LOW SPEED CENTRIFUGE



Microcomputer controlled programmable operation with touch panel

TFT true-colour LCD wide screen displays set and run conditions for easy monitoring
Brushless DC Motor ensures low maintenance, high efficiency and constant speed of rotation

Store 20 programs in centrifuge memory which are retained even after powering down the centrifuge

Fully stainless steel structure and stainless steel cavity makes the machine safe and more efficient

Acceleration/Deceleration takes around 30 sec to 1 min

Multiple layers of shock absorbers with auto balancing function

System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors

Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, over speed protection, over temperature protection

SPECIFICATIONS

Model	BCBL-201	BCBL-202	BCBL-203	BCBL-204
Maximum Capacity (No of tubes x Vol.)	24x10ml	-	4x250 ml	8x100mL
Maximum Speed	4000 rpm	4000rpm	4000 rpm	5000 rpm
Speed Increment	±50 rpm	-	-	±30 rpm
Speed Accuracy	±30 rpm	-	-	-
Maximum RCF	2600xg	3020×g	2830×g	4800xg
Time Range	1min	1 min continuous short centrifugal	0-99 h 59 min	
Overall Dimension	500x470x280 mm	500mm×630mm×410mm	600mm×540mm×360mm	600x540x360 mm
Program	20 user programs			
Control	Microcomputer			
Display	LCD			
Noise Level	≤60dB	≤65dB	≤65dB(A)	≤65dB
Weight (Net/Gross)	20/25 kg	50 kg	35/42 kg	
Power	275 W	350 W	800 W	500 W
Power Supply	220V 50Hz 10	220V, 50Hz		AC220V50Hz

Model	BCBL-205	BCBL-206	BCBL-207	BCBL-208
Maximum Capacity (No of tubes x Vol.)	4x100 ml	4x250 ml		4x100 ml
Maximum Speed	5000 rpm	5500 rpm	6000 rpm	
Speed Increment	±30 rpm			
Speed Accuracy	-	-	-	-
Maximum RCF	4800×g	4800xg		4800×g
Time Range	0-99 h 59 min			
Overall Dimension	500×400×300mm	600x540x360 mm		

Program	20 user programs	
Control	Microcomputer	
Display	LCD	
Noise Level	≤65dB	
Weight (Net/Gross)	25/35 kg	35/42 kg
Power	450 W	500 W
Power Supply	AC220V50Hz	

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF _{xg}	For Models
2301509006	Fixed Angle Rotor	24x10ml	4000	2600xg	BCBL-201
2301509007	Fixed Angle Rotor	12x20ml	4000	2600xg	BCBL-201
2301509008	Fixed Angle Rotor	18x10ml	4000	2600xg	BCBL-201
2301512006	Swinging-bucket rotor				BCBL-204
2301512007	Swinging-bucket rotor- Buckets	4x50 ml	5000	4600xg	BCBL-204
2301512008	Swinging-bucket rotor- Buckets	4x100 ml	5000	4800xg	BCBL-204
2301512009	Swinging-bucket rotor- Buckets	8x50 ml	4000	2810xg	BCBL-204
2301512010	Swinging-bucket rotor- Buckets	32x15 ml	4000	2810xg	BCBL-204
2301512011	Swinging-bucket rotor- Buckets	32x10 ml	4000	2810xg	BCBL-204
2301512012	Swinging-bucket rotor- Buckets	48x5 ml/2ml	4000	2940xg	BCBL-204
2301512013	Swinging-bucket rotor- Buckets	76x5ml/2ml	4000	3100xg	BCBL-204
2301513006	Swing -bucket rotor plate				BCBL-205
2301513007	Swing -bucket rotor plate- Buckets	16x15 ml	4000	2950xg	BCBL-205
2301513008	Swing -bucket rotor plate- Buckets	24x5 ml	4000	2950xg	BCBL-205
2301513009	Swing -bucket rotor plate- Buckets	4x50 ml	5000	4420xg	BCBL-205
2301513010	Swing -bucket rotor plate- Buckets	4x100 ml	4000	2100xg	BCBL-205
2301513011	Fixed Angle Rotor	12x15 ml	5000	3580xg	BCBL-205
2301513012	Fixed Angle Rotor	24x10 ml	4000	2600xg	BCBL-205
2301514006	Fixed Angle Rotor	12x10 ml	5500	4328xg	BCBL-206
2301514007	Swinging-bucket Rotor	12x15ml	5000	4500xg	BCBL-206
2301514008	Swinging-bucket Rotor- Adapter	24x10 ml	5000	4500xg	BCBL-206
2301514009	Swinging-bucket Rotor- Adapter	4x250 ml	4000	3290xg	BCBL-206
2301514010	Swinging-bucket Rotor- Adapter	8x50 ml	4000	3290xg	BCBL-206
2301514011	Swinging-bucket Rotor- Adapter	24x15 ml	4000	3290xg	BCBL-206
2301514012	Swinging-bucket Rotor- Adapter	32x10 ml	4000	3290xg	BCBL-206
2301514013	Swinging-bucket Rotor- Adapter	40x5 ml	4000	3290xg	BCBL-206
2301514014	Swinging-bucket Rotor- Buckets	8x50 ml	4000	2810xg	BCBL-206
2301514015	Swinging-bucket Rotor- Buckets	4x50 ml	5000	4600xg	BCBL-206
2301514016	Swinging-bucket Rotor- Buckets	4x100 ml	5000	4800xg	BCBL-206
2301514017	Swinging-bucket Rotor- Buckets	24x15 ml	4000	2810xg	BCBL-206
2301514018	Swinging-bucket Rotor- Buckets	32x15 ml	4000	2810xg	BCBL-206
2301514019	Swinging-bucket Rotor- Buckets	32x10 ml	4000	2810xg	BCBL-206
2301514020	Swinging-bucket Rotor- Buckets	48x5 ml/2 ml	4000	2940xg	BCBL-206
2301514021	Swinging-bucket Rotor- Buckets	76x5ml/2ml	4000	3100xg	BCBL-206
2301514022	Swing Micro-Plate Rotor	2x2x96	4000	2360xg	BCBL-206
2301515006	Fixed Angle Rotor	12x10 ml	6000	5140xg	BCBL-207

2301515007	Swinging-bucket Rotor	16x15ml	5000	4400xg	BCBL-207
2301515008	Swinging-bucket Rotor	24x10ml	4000	2810xg	BCBL-207
2301515009	Swinging-bucket Rotor- Adapter	4x250 ml	4000	3290xg	BCBL-207
2301515010	Swinging-bucket Rotor- Adapter	8x50 ml	4000	3290xg	BCBL-207
2301515011	Swinging-bucket Rotor- Adapter	24x15 ml	4000	3290xg	BCBL-207
2301515012	Swinging-bucket Rotor- Adapter	32x10 ml	4000	3290xg	BCBL-207
2301515013	Swinging-bucket Rotor- Adapter	40x5 ml	4000	3290xg	BCBL-207
2301515014	Swinging-bucket rotor				BCBL-207
2301515015	Swinging-bucket rotor- Buckets	4x100 ml	5000	4800xg	BCBL-207
2301515016	Swinging-bucket rotor- Buckets	8x50 ml	4000	2810xg	BCBL-207
2301515017	Swinging-bucket rotor- Buckets	32x15 ml	4000	2810xg	BCBL-207
2301515018	Swinging-bucket rotor- Buckets	32x10 ml	4000	2810xg	BCBL-207
2301515019	Swinging-bucket rotor- Buckets	48x5ml/2 ml	4000	2810xg	BCBL-207
2301515020	Swing Micro- Plate Rotor	2x2x96 holes 2x2x96 places	4000	2360xg	BCBL-207
2301516006	Fixed Angle Rotor	12x10 ml	6000	5140xg	BCBL-208
2301516007	Buckets	4x50 ml	5000	4600xg	BCBL-208
2301516008	Buckets	4x100 ml	5000	4800xg	BCBL-208
2301516009	Buckets	8x50 ml	5000	2810xg	BCBL-208
2301516010	Buckets	32x15 ml	4000	2810xg	BCBL-208
2301516011	Buckets	32x10 ml	4000	2810xg	BCBL-208
2301516012	Buckets	48x5 ml/2 ml	4000	2940xg	BCBL-208
2301516013	Buckets	76x5 ml/2 ml	4000	3100xg	BCBL-208
2301516014	Swing Micro-Plate	2x2x96	4000	2360xg	BCBL-208



BCBL-201



BCBL-202



BCBL-203



BCBL-204



BCBL-205



BCBL-206



BCBL-207



BCBL-208

BCBL-301 BENCHTOP LOW SPEED CENTRIFUGE



Widely used in laboratory, hospital and blood bank

Brushless DC motor for model TD4C, free maintenance, no powder pollution, quick in speed up and down

Range of speed from 0 to 4000rpm, smooth in operation, low noise and small vibration

Micro computer control system, digital display in the RCF, time and speed. There are 10 kinds of acceleration and deceleration for your choice

With lid lock, compact design, super speed and imbalance protection

With over speed and imbalance protection, it's safe and reliable

SPECIFICATIONS

Model	BCBL-301
Maximum Capacity (No of tubes x Vol.)	8x15 ml
Maximum Speed	4000 rpm
Speed Accuracy	±20 rpm
Maximum RCF	1800xg
Time Range	0~99 min
Overall Dimension	355x320x260 mm
Noise Level	<45 dB(A)
Net. Weight	7 kg
Power Supply	AC 220 V 50 Hz 2A
Package	Wooden box

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF _{xg}
2301611006	Angle rotor	8x15 ml	4000	1800xg
2301611007	Angle rotor	6x10 ml / 15 ml	4000	1800xg
2301611008	Angle rotor	12x5 ml	4000	1600xg
2301611009	Angle rotor	12x7 ml	4000	1720xg
2301611010	Angle rotor	8x10 ml vacuum tube	4000	1800xg
2301611011	Angle rotor- Adapter	8x5 ml vacuum tube Adapter	4000	1600xg
2301611012	Angle rotor- Adapter	8x7 ml vacuum tube Adapter	4000	1800xg

BCBL-302 BENCHTOP LOW SPEED CENTRIFUGE



Brushless DC frequency motor with simpler construction, more reliable performance, longer life.

Flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.

Microprocessor control, digital display which indicator the speed, time, RCF in operation.

Electric lid lock, compact design, super speed and imbalance protection.

The centrifuge body is made of high-quality steel, safe and reliable.

SPECIFICATIONS

Model	BCBL-302
Maximum Capacity (No of tubes x Vol.)	6x50 ml
Maximum Speed	4000 rpm
Speed Accuracy	±10 rpm
Maximum RCF	2250xg
Time Range	0~99 min
Overall Dimension	265x483x320 mm
Noise Level	<45 dB(A)
Net. Weight	23 kg
Power Supply	AC 220 V 50 Hz 2A
Package	Wooden box

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF _{xg}
2301612006	Angle rotor	30x7/5 ml	4000	2250xg
2301612007	Angle rotor	18x10 ml	4000	2250xg
2301612008	Angle rotor	24x10 ml	4000	2200xg
2301612009	Angle rotor	12x15/7/5 ml	4000	2150xg
2301612010	Angle rotor	12x20 ml	4000	2220xg
2301612011	Angle rotor	6x50 ml	4000	2100xg

BCBL-303 BENCHTOP LOW SPEED CENTRIFUGE



Brushless DC frequency motor with simpler construction, more reliable performance, longer life.

Smooth in operation, low noise and small vibration.

Flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.

Microprocessor control speed, temperature and time, digital display, 10 kinds of accelerating and decelerating speed for your choice.

Electric lid lock, compact design, super speed and imbalance protection.

3 tiers protection steel cover.

SPECIFICATIONS

Model	BCBL-303
Maximum Capacity (No of tubes x Vol.)	6x50 ml
Maximum Speed	6000 rpm
Speed Accuracy	±10 rpm
Maximum RCF	3660xg
Time Range	0~99 min
Overall Dimension	265x483x320 mm
Noise Level	<45 dB(A)
Net. Weight	23 kg
Power Supply	AC 220 V 50 Hz 2A
Package	Wooden box

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF _{xg}
2301613006	Angle rotor	12x20 ml	4000	2220xg
2301613007	Angle rotor	6x50 ml	4000	2100xg
2301613008	Angle rotor	6x10/7/5 ml	6000	3450xg
2301613009	Angle rotor	6x15/7/5 ml	6000	3660xg
2301613010	Angle rotor	24x10 ml	4000	2200xg
2301613011	Angle rotor	12x15/7/5 ml	5000	3080xg

BCBL-304 BENCHTOP LOW SPEED CENTRIFUGE



3 layers protection of steel structure and with the stainless steel chamber.

Advance CPU control system.

Brushless DC frequency motor with simpler construction, more reliable performance, longer life.

Electric lid lock, compact design, super speed and imbalance protection.

Emergency lock under the bottom of the centrifuge which help you open the lid when power off.

SPECIFICATIONS

Model	BCBL-304
Maximum Capacity (No of tubes x Vol.)	4x100 ml
Maximum Speed	4000 rpm
Speed Accuracy	±20 rpm
Maximum RCF	2610xg
Time Range	0~99 min
Overall Dimension	528x370x280 mm
Noise Level	<55 dB(A)
Net. Weight	28 kg
Power Supply	AC 220 V 50 Hz 2A
Package	Wooden box

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF _{xg}
2301614006	Swing out rotor	4x50 ml/100 ml	4000	2250xg
2301614007	Swing out rotor	16x15 ml	4000	2150xg
2301614008	Swing out rotor	24x10 ml	4000	2220xg
2301614009	Angle rotor	18x10 ml	4000	2250xg
2301614010	Angle rotor	24x15 ml	4000	2270xg

BCBL-305 BENCHTOP LOW SPEED CENTRIFUGE



Microprocessor control, less noise, widely used to qualitative analysis of blood serum, plasma and urea in the fields of hospital, laboratory and biochemistry
Brushless motor, free maintenance, no powder pollution, quick in speed up and down
Special program, HLA and SERO separately
Micro computer control system, LED display the RCF, time and speed
Electric lid lock, compact design, super speed and imbalance protection

SPECIFICATIONS

Model	BCBL-305
Maximum Capacity (No of tubes x Vol.)	12x7 / 5 ml
Maximum Speed	4000 rpm
Speed Accuracy	±20 rpm
Maximum RCF	2000xg
Time Range	0-99 min
Overall Dimension	265x485x320 mm
Noise Level	<55 dB(A)
Net. Weight	21 kg
Power Supply	AC 220/110 V 50/60Hz
Package	Wooden box

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF _{xg}	Rotor Use
2301606006	SERO rotor for erythrocyte washing	12x7/5ml (10-13*65-100 mm)	3000	1000xg	500xg: Blood type determination; the image of the hematocyte; 1000xg: The test of intersectant aptness; 1000xg: Hematocyte washing; the distillation of the serum and plasma
2301606007	HLA rotor for Lymphocyte washing	12x2 / 1.5 / 0.5 ml	4000	2000xg	2000xg: Lymphocyte separation incubated cell separation; 1000xg: Hematoblast extenterate (thrombin disposal); 1000xg: Lymphocyte washing

BCBL-306 BENCHTOP LOW SPEED CENTRIFUGE



Microprocessor control, LCD display in speed, time, RCF in operation, speed raising and reducing quick, operate simply

Brushless DC frequency motor with simpler construction, more reliable performance, longer life and low noise

Electric lid lock, super speed, over temperature protection and imbalance protection

Adapters are available by experiment requirements

The centrifuge body is made of high quality steel and the centrifuge is with three layers protection of steel structure, safe and reliable

SPECIFICATIONS

Model	BCBL-306
Maximum Capacity (No of tubes x Vol.)	4x250ml
Maximum Speed	5000 rpm
Speed Accuracy	±20 rpm
Maximum RCF	4730xg
Time Range	0~99 min
Overall Dimension	568x400x320 mm
Noise Level	<58 dB(A)
Net. Weight	35 kg
Power Supply	AC 220V 50HZ 5A
Package	Wooden box

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Max Speed rpm	Max RCF (g)	RPM	RCF _{xg}
2301607006	Swing out rotor	4x250 ml (round cup)	4000	2880		
2301607007	Swing out rotor	4x250 ml (square cup)	4000	2830	4000	2830xg
2301607008	Swing out rotor	4x50 ml			5000	4420xg
2301607009	Swing out rotor	4x100 ml			5000	4420xg
2301607010	Swing out rotor	8x50 ml			4000	2950xg
2301607011	Swing out rotor	16x15 ml			4000	2950xg
2301607012	Swing out rotor	24x15 ml			4000	2950xg
2301607013	Swing out rotor	48x5 ml vacuum tube			4000	2480xg
2301607014	Swing out rotor	48x7 ml vacuum tube			4000	2760xg
2301607015	Swing out rotor	40x10 ml vacuum tube			4000	2880xg
2301607016	Swing out rotor	32x10 ml vacuum tube			4000	2580xg
2301607017	Swing out rotor	32x7 ml vacuum tube adapter			4000	2580xg
2301607018	Swing out rotor	32x5 ml vacuum tube adapter			4000	2580xg
2301607019	Swing out rotor	24x10 ml vacuum tube			4000	2580xg
2301607020	Swing out rotor	24x7 ml vacuum tube adapter			4000	2580xg

2301607021	Swing out rotor	24x5 ml vacuum tube adapter			4000	2580xg
2301607022	Swing out rotor	16x10 ml vacuum tube			4000	2580xg
2301607023	Swing out rotor	16x7 ml vacuum tube adapter			4000	2580xg
2301607024	Swing out rotor	16x5 ml vacuum tube adapter			4000	2580xg
2301607025	Microplate rotor	2x3x48 well			4000	2300xg
2301607026	Microplate rotor	2x2x96 well			4000	2490xg

BCBL-307 BENCHTOP LOW SPEED CENTRIFUGE



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

Microprocessor-controlled, digital display in speed, time, RCF in operation, speed raising and reducing quickly, operate simply.

Automatically electric lid lock, super speed, over temperature protection and imbalance protection.

3 layers protection of steel structure and get the ideal centrifugation result.

10 kinds of accelerating and decelerating speed for your choice.

Tabletop centrifuge with metal body, metal lid to ensure the safety of people and instrument

SPECIFICATIONS

Model	BCBL-307
Maximum Capacity (No of tubes x Vol.)	6x9 ml
Maximum Speed	4000 rpm
Maximum RCF	2170xg
Time Range	0-99 min 59 sec
RPM / RCF convert	Yes
Acceleration/ Deceleration	10 kinds
Control	Microcomputer
Noise Level	<55dB(A)
Weight (Net/Gross)	26 kg
Power Supply	AC 220/110 V 50/60Hz

100 BENCHTOP LOW SPEED CENTRIFUGE

Microcomputer controlled programmable operation with touch panel

TFT true-colour LCD wide screen displays set and run conditions for easy monitoring

Brushless DC Motor ensures low maintenance, high efficiency and constant speed of rotation

Store 20 programs in centrifuge memory which are retained even after powering down the centrifuge

Fully stainless steel structure and stainless steel cavity makes the machine safe and more efficient

Acceleration/Deceleration takes around 30 sec to 1 min

Multiple layers of shock absorbers with auto balancing function

System is complemented by multiple new accessories, including tube racks, centrifuge adapters and rotors

Safety features: Self diagnostic, Rotor unbalance detector, Lid protection, over speed protection, over temperature protection

SPECIFICATIONS

Model	BCBLS-101	BCBLS-102	BCBLS-103
Maximum Capacity (No of tubes x Vol.)	4×100ml	4x100 ml	12x15 ml
Maximum Speed	4000 rpm		
Speed Increment	±30 rpm		
Maximum RCF	2100xg		
Time Range	0-99 h 59 min		
Overall Dimension	500x450x280 mm		
Program	20 user programs		
Control	Microcomputer		
Display	LCD		
Noise Level	≤60dB		
Weight (Net/Gross)	20/25 kg		
Power Supply	AC220V50Hz		
Power	-	350 W	

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF _{xg}	For Models
2301406006	Swing rotor	4x50ml	4000	2100xg	BCBLS-101
2301407006	Swing rotor	4 x 100ml	4000	2100xg	BCBLS-102
2301408006	Swing rotor	12x 15 ml	4000	2100xg	BCBLS-103

BCBL-308 BENCHTOP LOW SPEED CENTRIFUGE



Brushless DC motor to make sure free maintenance no powder pollution, micro computer control and LCD display the time, speed and RCF to let operation easily. There is specialized step-ladder centrifugation technology, different step-ladder could be designed by different reagent.

There are several kinds of regular centrifugation program, other centrifugation program also could be designed by customers' demand.

Electronic lock, over speed and imbalance protection, there is self-check protection program, safe and reliable, simple operation, scientific and practicable.

With CE & ISO9001 & ISO13485 Approval

SPECIFICATIONS

Model	BCBL-308
Maximum Capacity (No of tubes x Vol.)	24 cards/12 cards
Maximum Speed	3000 rpm
Speed Accuracy	±20rpm
Maximum RCF	1190xg
Time Range	0~99min59s
Noise Level	≤55 dBA
Power Supply	AC 220 50Hz 2A
Dimension (12 cards)	460x320x230 mm
Net. Weight (12 cards)	17 kg
Dimension (24 cards)	500x360x250 mm
Net. Weight (24 cards)	19 kg
Package	Carton box

BCBL-310 BENCHTOP LOW SPEED CENTRIFUGE



Brushless motor with simpler construction, more reliable performance, longer life and quietly running.

Automatically electric lid lock, super speed, over temperature protection and imbalance protection.

The centrifuge body is made of high quality steel, safe and reliable.

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

Microprocessor control, TD6B with digital display which

indicate the speed, time, RCF in operation, speed raising and reducing quick, operate simply.

10 kinds of accelerating and decelerating speed for your choice

SPECIFICATIONS

Model	BCBL-310
Maximum Capacity (No of tubes x Vol.)	4x800ml
Maximum Speed	6000
Speed Accuracy	±20rpm
Maximum RCF	4730xg
Time Range	0~99min
RPM/RCF Convert	Yes
Noise Level	≤58 dBA
Temperature	Normal
Acceleration/ Deceleration	10 kinds
Power Supply	AC 220V/110V 50/60HZ 2A
Overall Dimension	685x500x385mm
Net Weight	67 kg

OPTIONAL ACCESSORIES

Accessory Code	Name	Volume(ml)	RPM	RCFxg
680616006	Swing Rotor	4x800 ml	4000	3450xg
680616007	Swing Rotor	4x750 ml	4000	3530xg
680616008	Swing Rotor	4x500/600 ml	4000	3380xg
680616009	Swing Rotor	4x4x96(well)	4000	2940xg
680616010	Microplate Rotor	2x4x96(well)	4000	3210xg
680616011	Swing Rotor	4x1x50 ml	5000	4730xg
680616012	Swing Rotor	4x1x50 ml	5000	4730xg
680616013	Swing Rotor	4x1x100 ml	5000	4730xg
680616014	Swing Rotor	4x2x100 ml	4000	3020xg
680616015	Swing Rotor	4x2x50 ml	4000	3200xg
680616016	Swing Rotor	4x4x15 ml	4000	3200xg
680616017	Swing Rotor	4x6x15ml	4000	3200xg
680616018	Swing Rotor	4x8x15ml	4000	3200xg
680616019	Swing Rotor	4x12x5ml vacuum tube	4000	2480xg
680616020	Swing Rotor	4x12x7ml vacuum tube	4000	2760xg
680616021	Swing Rotor	4x12x10ml vacuum tube	4000	2880xg
680616022	Swing Rotor	4x8x10/7/5ml vacuum tube	4000	2790xg
680616023	Swing Rotor	4x6x10/7/5ml vacuum tube	4000	2790xg
680616024	Swing Rotor	4x4x10/7/5ml vacuum tube	4000	2790xg
680616025	Swing Rotor	4x24x5ml vacuum tube	4000	2480xg
680616026	Swing Rotor	4x24x7ml vacuum tube	4000	3140xg
680616027	Swing Rotor	4x30x7ml vacuum tube	4000	3140xg
680616028	Swing Rotor	4x30x5ml vacuum tube	4000	3140xg
680616029	Swing Rotor	4x40x7ml vacuum tube	4000	3270xg
680616030	Swing Rotor	4x18x10ml vacuum tube	4000	3140xg
680616031	Swing Rotor	4x28x10ml vacuum tube	4000	3140xg
680616032	Swing Rotor	4 x babcock flask	4000	3830xg
680616033	Fixed Rotor	6x15ml	6000	3660xg

680616034	Fixed Rotor	12x15ml	6000	4430xg
680616035	Fixed Rotor	24x15ml	5000	3500xg
680616036	Fixed Rotor	30x15ml	5000	3830xg
680616037	Fixed Rotor	4x50ml	6000	3620xg
680616038	Fixed Rotor	6x50ml	6000	4110xg
680616039	Fixed Rotor	12x50ml	5000	3860xg
680616040	Fixed Rotor	24x50ml	4000	2970xg
680616041	Fixed Rotor	4x100ml	6000	3790xg
680616042	Fixed Rotor	6x100ml	6000	4510xg
680616043	Fixed Rotor	12x100ml	4000	2970xg

BCBL-309 BENCHTOP LOW SPEED CENTRIFUGE



Brushless DC Frequency motor with simpler construction, more reliable performance, longer life and quietly running

Smooth in operation, low noise.

Microcomputer control system, digital display in RCF, time and speed.

There are 10 kinds of acceleration and deceleration for your choice.

Automatic electric lid, compact design, super speed and imbalance protection.

The centrifuge body is made of high-quality steel, safe and reliable.

SPECIFICATIONS

Model	BCBL-309
Maximum Capacity (No of tubes x Vol.)	4x20 ml (PRP kit)
Maximum Speed	4000 rpm
Speed Accuracy	±20rpm
Maximum RCF	2720xg
Time Range	0~99min
Noise Level	≤55 dBA
Power Supply	AC 220V/110V 50/60HZ 2A
Overall Dimension	528x370x280mm
Net. Weight	28 kg
Package	carton box

BCBL-401 BENCHTOP LOW SPEED CENTRIFUGE



LCD screen displays timing and speed, convenient to set and read
Three patterns: Short mix, timing set:30 to 59s, continuous running. More efficient
Sound alerts after the rotor stops . LCD displays process
Adjustable speed from 300 to 4500rpm, relative centrifugal force to 2490xg. High accuracy of speed and time, excellent performance
Different types of rotors for optional. Large capacity rotor for multiple options. More samples dealt at one time with high efficiency
Applied with high-performance CPU control mode, high speed accuracy and excellent performance
High safety, low noise. High strength plastic rotor and excellent balance technology for quiet and stable operation
Double safety protective cover. Electronic lock is for safer and more reliable rotor operation
DC brushless motor drives quickly and effortlessly accelerates the rotor to set speed, maintenance-free
Timing starts after reaching the setting speed, make sure centrifugal time accurate. Reasonable curve brake makes better centrifugal effect

SPECIFICATIONS

Model	BCBL-401
Maximum Capacity (No of tubes x Vol.)	7 ml / 5 mlx16 or 10 ml / 15 ml x12 or 50 mlx6
Speed Range	300~4500 rpm (increment: 100 rpm)
Speed Accuracy	±20 rpm
Maximum RCF	2490xg (increment: 100xg)
Time Range	1 s~99 m 59s or continuous
Acceleration/ Deceleration	50s↑ 20s↓
Noise Level	≤56 dB
Voltage	AC 100~240 V, 50/60 Hz
Power	120 W
Overall Dimension	W.300 x D.431 x H.178 mm
Net. Weight	17.0 kg

OPTIONAL ACCESSORIES

Accessory Code	Name	Description
2301706006	Rotor A	7 ml/5 ml tubex16
2301706007	Rotor B	15ml / 10ml tubex12
2301706008	Rotor C	50ml tubex6

BCFL-401 FLOOR TYPE LOW SPEED CENTRIFUGE

Widely used in the field of hospitals and laboratory

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

Digital display which indicates the program, speed, time, RCF, temperature

Micro computer control, there are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice

Electric lid lock, compact design, super speed and imbalance protection

The centrifuge body is made of high-quality steel, safe and reliable

SPECIFICATIONS

Model	BCFL-401
Maximum Capacity (No of tubes x Vol.)	4 x 800 ml
Maximum Speed	5000 rpm
Speed Accuracy	± 20 r / min
Maximum RCF	4730 × g
Time Range	1 ~ 99 h 59 min
Acc / Dec	10 Kinds
Noise Level	≤58 dBA
Certificates	CE, ISO & Calibration report are available
RPM / RCF Convert	Yes
Overall Dimension	720 x 540 x 830 mm
Net. Weight	108 kg
Power Supply	AC 220 V / 110 V 50 HZ / 60 HZ

BCFL-402 FLOOR TYPE LOW SPEED CENTRIFUGE

Widely used in the field of blood bank, pharmaceutical factory and laboratory

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

Digital display which indicates the program, speed, time, RCF, temperature

Micro computer control, there are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice

Electric lid lock, compact design, super speed and imbalance protection

The centrifuge body is made of high-quality steel, safe and reliable

SPECIFICATIONS

Model	BCFL-402
Maximum Capacity (No of tubes x Vol.)	4 x 1000 ml
Maximum Speed	6000 rpm
Speed Accuracy	± 20 r / min
Maximum RCF	6600 × g
Time Range	1 ~ 99 h 59 min
Acc / Dec	10 Kinds
Noise Level	≤ 65 dBA

Certificates	CE,ISO & Calibration report are available
RPM / RCF Convert	Yes
Overall Dimension	800 x 645 x 830 mm
Net. Weight	170 kg
Power Supply	AC 220 V /110 V 50 HZ / 60 HZ

BCBL-402 PORTABLE LOW SPEED CENTRIFUGE

Maintenance -free brushless motor

LCD display of Speed, RCF and time

Adjustable speed from 300r/min to 5000r/min

Timer from 1s to 99min or continuous operation

For 6x15ml centrifuge tube &10ml/7ml/5ml/3ml blood collection tube or 4x50ml centrifuge tube

Lid automatically open at the end of run to prevent sample warming and to reduce handling time

10 Program stored in memory and editable by ender user

10 Acceleration/ 10 Deceleration profiles ,with soft brake system to get the good separation effect

Electric cover lock, compact design, super speed and imbalance protection

SPECIFICATIONS

Model	BCBL-402
Maximum Capacity (No of tubes x Vol.)	4 x 50 ml
Maximum Speed	5000 rpm
Speed Accuracy	± 20 r / min
Maximum RCF	2635 × g
Time Range	0 ~ 99 min
Acc / Dec	10 Kinds
Noise Level	≤ 55 dBA
Certificates	CE,ISO & Calibration report are available
RPM / RCF Convert	Yes
Overall Dimension	280 x 220 x 175 mm
Net. Weight	3.5 kg
Temperature	Normal
Power Supply	AC 220 V /110 V 50 HZ / 60 HZ

BCFL-301-A BENCHTOP LOW SPEED CENTRIFUGE

Microprocessor control, digital display, touch panel, parameters in running can be edited and change to display other running parameter and RCF

Brushless frequency motor with simpler construction, more reliable performance, longer life and quietly running

Automatic lid lock, super speed, over temperature protection and imbalance protection

The centrifuge body is made of high quality steel, safe and reliable

Adapters are available by experiment requirements

3 tiers protection steel cover, safe and reliable

SPECIFICATIONS

Model	BCFL-301-A
Maximum Capacity (No of tubes x Vol.)	4 x 250 ml
Maximum Speed	5000 rpm
Speed Accuracy	± 20 r / min
Maximum RCF	4730 × g
Time Range	0 ~ 99 min
Acc / Dec	10 Kinds
Noise Level	≤58 dBA
Certificates	CE,ISO & Calibration report are available
RPM / RCF Convert	Yes
Overall Dimension	570 x 400 x 320 mm
Net. Weight	3.5 kg
Temperature	Normal
Power Supply	AC 220 V /110 V 50 HZ / 60 HZ

BCFL-301-B BENCHTOP LOW SPEED CENTRIFUGE

Microprocessor control, less noise, it is widely used to qualitative analysis of blood serum, plasma and urea in the fields of hospital, blood center, laboratory and biochemistry

Brushless Frequency motor, free maintenance, no powder pollution, quick in speed up and down

The flexible axle driven system which drive the rotor directly, smooth in operation and small vibration

Micro computer control system, LED display the RCF, time and speed

Compact design, super speed and imbalance protection

SPECIFICATIONS

Model	BCFL-301-B
Maximum Capacity (No of tubes x Vol.)	6 x 100 ml
Maximum Speed	5000 rpm
Speed Accuracy	± 20 r / min
Maximum RCF	4140 × g
Time Range	0 ~ 99 min
Acc / Dec	10 Kinds
Noise Level	≤ 55 dBA
Certificates	CE,ISO & Calibration report are available
RPM / RCF Convert	Yes
Overall Dimension	525 x 370 x 280 mm
Net. Weight	28 kg
Power Supply	AC 220 V /110 V 50 HZ / 60 HZ

BCFL-302-A BENCHTOP LOW SPEED CENTRIFUGE

Microprocessor control, digital display, touch panel, parameters in running can be edited and change to display other running parameter and RCF

Brushless frequency motor with simpler construction, more reliable performance, longer life and quietly running

Automatic lid lock, super speed, over temperature protection and imbalance protection

The centrifuge body is made of high quality steel, safe and reliable

Adapters are available by experiment requirements

3 tiers protection steel cover, safe and reliable

SPECIFICATIONS

Model	BCFL-302-A
Maximum Capacity (No of tubes x Vol.)	4 x 300 ml
Maximum Speed	6000 rpm
Speed Accuracy	± 20 r / min
Maximum RCF	4730 × g
Time Range	0 ~ 99 min
Acc / Dec	10 Kinds
Noise Level	≤58 dBA
Certificates	CE,ISO & Calibration report are available
RPM / RCF Convert	Yes
Overall Dimension	570 x 400 x 320 mm
Net. Weight	52 kg
Power Supply	AC 220 V /110 V 50 HZ / 60 HZ

BCFL-302-B BENCHTOP LOW SPEED CENTRIFUGE

Microprocessor control, digital display, touch panel, parameters in running can be edited and change to display other running parameter and RCF

Brushless frequency motor with simpler construction, more reliable performance, longer life and quietly running

Automatic lid lock, super speed, over temperature protection and imbalance protection

The centrifuge body is made of high quality steel, safe and reliable

Adapters are available by experiment requirements

3 tiers protection steel cover, safe and reliable

SPECIFICATIONS

Model	BCFL-302-B
Maximum Capacity (No of tubes x Vol.)	6 x 100 ml
Maximum Speed	6000 rpm
Speed Accuracy	± 20 r / min
Maximum RCF	3660 × g
Time Range	0 ~ 99 min
Acc / Dec	10 Kinds
Noise Level	≤ 55 dBA

Certificates	CE,ISO & Calibration report are available
RPM / RCF Convert	Yes
Overall Dimension	485 x 320 x 225 mm
Net. Weight	18 kg
Temperature	Normal
Power Supply	AC 220 V /110 V 50 HZ / 60 HZ

BCFL-303 BENCHTOP LOW SPEED CENTRIFUGE

SPECIFICATIONS

Model	BCFL-303
Maximum Capacity (No of tubes x Vol.)	6 x 100 ml
Maximum Speed	6000 rpm
Speed Accuracy	± 20 r / min
Maximum RCF	3660 × g
Time Range	0 ~ 99 min
Acc / Dec	10 Kinds
Noise Level	≤58 dBA
Certificates	CE,ISO & Calibration report are available
RPM / RCF Convert	Yes
Overall Dimension	485 x 320 x 225 mm
Net. Weight	18 kg
Temperature	Normal
Power Supply	AC 220 V /110 V 50 HZ / 60 HZ

BCBLR-404 BENCHTOP LOW SPEED REFRIGERATED CENTRIFUGE

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

Imported compressors fluorine free,double cycle cooling,cold and hot alternating easily, free environment pollution and precise in temperature control

Microprocessor control, digital display which indicates the speed, time, RCF in operation, speed raising and reducing quickly, operate simply

Running parameter can be edited

10 kinds of accelerating and decelerating speed for your choice

Automatically electric lid lock, super speed, over temperature protection and imbalance protection

The centrifuge body is made of high quality steel, safe and reliable

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

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

3 tiers protection steel cover and get the ideal centrifugation result

SPECIFICATIONS

Model	BCBLR-404
Maximum Capacity (No of tubes x Vol.)	6 x 100 ml
Maximum Speed	6000 rpm
Speed Accuracy	± 20 r / min
Maximum RCF	3660 × g
Time Range	1 ~ 99 min 59 sec
Temperature Accuracy	± 1° C
Noise Level	≤58 dBA
Temperature	- 20 °C~ 40 °C
Net. Weight	48 kg
Overall Dimension	520 x 520 x 285 mm
Power Supply	220 V, 50 Hz / 60 Hz

BCBLR-405 BENCHTOP LOW SPEED CENTRIFUGE

Frequency conversion motor with simpler construction, more reliable performance, longer life and quietly running

Automatically electric lid lock, super speed, over temperature protection and imbalance protection

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

Microprocessor control, digital display in the speed, time, RCF in operation, speed raising and reducing quick, operate simply

High quality steel body, stainless chamber makes sure the safety of instrument and people

SPECIFICATIONS

Model	BCBLR-405
Maximum Capacity (No of tubes x Vol.)	4 x 20 ml (PRP tube/ kit, brand such as DR.PRP 20 ml, Yes/BS prp, 3E prp etc.)
Maximum Speed	4000 rpm
Speed Accuracy	± 20 r / min
Maximum RCF	2820 × g
Time Range	0 ~ 99 min
Acc / Dec	10 Kinds
Noise Level	≤ 55 dBA
Certificates	CE, ISO & Calibration report are available
RPM / RCF Convert	Yes
Overall Dimension	540 x 370 x 280 mm
Net. Weight	32 kg
Power Supply	AC 220 V / 110 V 50 HZ / 60 HZ

BCBLR-406 BENCHTOP LOW SPEED CENTRIFUGE

Frequency conversion motor with simpler construction, more reliable performance, longer life and quietly running

Automatically electric lid lock, super speed, over temperature protection and imbalance protection

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

Microprocessor control, digital display in the speed, time, RCF in operation, speed raising and reducing quick, operate simply

High quality steel body, stainless steel chamber makes sure the safety of instrument and people

SPECIFICATIONS

Model	BCBLR-406
Maximum Capacity (No of tubes x Vol.)	4 x 30 ml (PRP kit/tubes, Brand such as Prosys prp 30 ml, Pro prp 30ml/60ml, Prolo prp 30ml, Dr. prp 30ml)
Maximum Speed	4000 rpm
Speed Accuracy	± 20 r / min
Maximum RCF	$2950 \times g$
Time Range	0 ~ 99 min
Acc / Dec	10 Kinds
Noise Level	≤ 55 dBA
Certificates	CE, ISO & Calibration report are available
RPM / RCF Convert	Yes
Overall Dimension	560 x 400 x 320 mm
Net. Weight	32 kg
Power Supply	AC 220 V / 110 V 50 HZ / 60 HZ



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