



LABORATORY HIGH SPEED CENTRIFUGE

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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 Biolab Benchtop High Speed Centrifuge is widely used for cell separation at blood banks, precipitation purposes, sample processing in clinical protocols, cell culture applications, microplate processing and separation procedures in biochemistry, food safety and medical diagnosis..

200 LABORATORY HIGH 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, constant speed of rotation
- Store 20 programs in centrifuge memory which are retained even after powering down the centrifuge
- Fully stainless steel structure and a 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
- Dedicated key indicating centrifugal force
- 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	BCBH-201	BCBH-202	BCBH-204
Maximum Capacity (No of tubes x Vol.)	6x50 ml	12x10 ml	6x50 ml
Maximum Speed RPM	12000	16500	18500
Speed Increment	±50 rpm		
Maximum RCF	13800xg	18780xg	23610xg
Timer Range	0-99h 59 min		
Overall Dimension	500x440x330 mm	380x260x310 mm	500x440x330 mm
Program	20 user programs		
Control	Microcomputer		
Display	LCD		
Noise Level	<65dB(A)		
Weight (Net/Gross)	35/42 kg	17/30 kg	35/42 kg
Power	350 W		
Power Supply	220V, 50Hz		

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}	For Models
BX-102992	Capillary tube rotor	12 Capillary tubes	12000		BCBH-201
BX-102993	Capillary tube rotor	24 Capillary tubes	12000		BCBH-201

BX-102994	Capillary tube rotor	36 Capillary tubes	12000		BCBH-201
BX-102995	Fixed Angle Rotor	24x1.5 ml	11000	11230xg	BCBH-201
BX-102996	Fixed Angle Rotor	12x10 ml	12000	13850xg	BCBH-201
BX-102997	Fixed Angle Rotor	12x1.5/2.0 ml	16500	18780xg	BCBH-202
BX-102998	Fixed Angle Rotor	18x1.5/0.5 ml	15000	17780xg	BCBH-202
BX-102999	Fixed Angle Rotor	24x1.5/2.0 ml	14000	18180xg	BCBH-202
BX-103000	Fixed Angle Rotor	10x5 ml	14000	13520xg	BCBH-202
BX-103001	Fixed Angle Rotor	8x7 ml	14000	12340xg	BCBH-202
BX-103002	Fixed Angle Rotor	12x10 ml	12000	13400xg	BCBH-202
BX-103010	Fixed Angle Rotor	12x1.5/2.0 ml	18500	23610xg	BCBH-204
BX-103011	Fixed Angle Rotor	18x1.5/0.5 ml	15000	17770xg	BCBH-204
BX-103012	Fixed Angle Rotor	24x1.5/2.0 ml	14000	18180xg	BCBH-204
BX-103013	Fixed Angle Rotor	10x5 ml	14000	13520xg	BCBH-204
BX-103014	Fixed Angle Rotor	8x15 ml	12000	14800xg	BCBH-204
BX-103015	Fixed Angle Rotor	12x10ml	12000	13400xg	BCBH-204
BX-103016	Fixed Angle Rotor	12x5ml	15000	15600xg	BCBH-204
BX-103017	Fixed Angle Rotor	6x50 ml	11000	11610xg	BCBH-204
BX-103018	Fixed Angle Rotor	6x50 ml	6000	3460xg	BCBH-204
BX-103019	Swinging-bucket Rotor	12x10 ml	4000	2330xg	BCBH-204
BX-103020	Swing Micro Plate Rotor	2x2x48 holes	3000	1400xg	BCBH-204



BCBH-201



BCBH-202



BCBH-204

BCBH-203 BENCHTOP HIGH SPEED CENTRIFUGE



Brushless DC frequency motor, longer life and low noise.

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

Flexible axle driven system which drive the rotor directly, smooth in operation.

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

3 layers protection of steel structure, safe and reliable.

SPECIFICATIONS

Model	BCBH-203
Maximum Capacity (No of tubes x Vol.)	6x100 ml

Maximum Speed RPM	16000
Speed Accuracy	±20 rpm
Maximum RCF	20600xg
Timer Range	1~99 min
Overall Dimension	513x370x320 mm
Control	Microcomputer
Display	LCD
Noise Level	<60dB(A)
Weight (Net/Gross)	42 kg
Power Supply	AC 220V 50HZ 10A

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}
BX-104076	Angle rotor	12x1.5/2 ml	16000	16270xg
BX-104077	Angle rotor	40x0.5 ml	14000	19970xg
BX-104078	Angle rotor	24x1.5/2 ml	15000	20600xg
BX-104079	Angle rotor	30x1.5/2 ml	13500	19340xg
BX-104080	Angle rotor	16x5 ml	15000	19350xg
BX-104081	Angle rotor	12x7 ml	14000	16370xg
BX-104082	Angle rotor	12x15 ml	10000	11840xg
BX-104083	Angle rotor	12x10 ml	12000	14510xg
BX-104084	Angle rotor	8x20 ml	12000	14510xg
BX-104085	Angle rotor	6x30 ml	12000	14000xg
BX-104086	Angle rotor	6x50 ml	10000	11140xg
BX-104087	Angle rotor	6x70 ml	10000	10810xg
BX-104088	Angle rotor	4x100 ml	12000	14850xg
BX-104089	Angle rotor	6x100 ml	8000	7280xg
BX-104090	Angle rotor	6x10 ml	14000	16460xg
BX-104091	Angle rotor	30x0.5 ml	15000	18510xg
BX-104092	Angle rotor	24pieces capillary vessel	12000	15800xg
BX-104093	Angle rotor	48x1.5/2 ml	11000	12840xg
BX-104094	Bucket rotor	2x3x48 well	4000	2300xg

BCBH-302 BENCHTOP HIGH SPEED CENTRIFUGE



Brushless DC frequency motor, longer life and low noise.

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

Flexible axle driven system which drive the rotor directly, smooth in operation.

Microprocessor control speed, temperature and time, 10 kinds of accelerating and decelerating speed.

3 layers protection of steel structure, safe and reliable.

SPECIFICATIONS

Model	BCBH-302
Maximum Capacity (No of tubes x Vol.)	6x100 ml
Maximum Speed RPM	21000
Speed Accuracy	±20 rpm
Maximum RCF	28030xg
Timer Range	1~99 min
Overall Dimension	513x370x320 mm
Control	Microcomputer
Display	LED
Noise Level	<60 dB(A)
Weight (Net/Gross)	42 kg
Power Supply	AC 220V 50HZ 10A

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}
BX-104014	Angle rotor	12x1.5/2 ml	21000	28030xg
BX-104015	Angle rotor	24x1.5 ml	17000	26460xg
BX-104016	Angle rotor	16x5 ml	16000	22020xg
BX-104019	Angle rotor	12x15 ml	10000	11840xg
BX-104018	Angle rotor	12x10 ml	15000	22680xg
BX-104022	Angle rotor	8x20 ml	15000	22680xg
BX-104017	Angle rotor	6x30 ml	14000	19060xg
BX-104021	Angle rotor	6x50 ml	12000	16050xg
BX-104023	Angle rotor	6x70 ml	12000	15570xg
BX-104024	Angle rotor	6x100 ml	12000	16390xg
BX-104020	Angle rotor	6x10 ml	16000	21500xg
BX-104094	Bucket rotor	2x3x48 well	4000	2300xg
BX-104095	Angle rotor	40x0.5 ml	15000	22920xg
BX-104096	Angle rotor	30x1.5/2 ml	13500	19340xg
BX-104097	Angle rotor	12x7 ml	16000	21380xg
BX-104098	Angle rotor	4x100 ml	12000	14850xg
BX-104099	Angle rotor	30x0.5 ml	18000	26660xg
BX-104100	Angle rotor	48x1.5/2 ml	13000	17930xg
BX-104101	Vertical rotor	16x5 ml	14000	12660xg

BCBH-304 BENCHTOP HIGH SPEED CENTRIFUGE



Brushless motor, no pollution, maintenance-free

Microprocessor control, LCD display which indicates the speed, time, RCF in operation, 10 kinds of brake setting, operate simply

Electric lid lock, super speed, imbalance protection

Centrifuge body is made of high quality steel, stainless steel chamber, safe and reliable

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

3 tiers protection steel cover and get the ideal centrifugation result

SPECIFICATIONS

Model	BCBH-304
Maximum Capacity (No of tubes x Vol.)	6x10 ml
Maximum Speed RPM	16000
Speed Accuracy	±20 rpm
Maximum RCF	19040×g
Timer Range	0-99 min
RPM / RCF convert	Yes
Acceleration/ Deceleration	10 kinds
Overall Dimension	370x290x215 mm
Control	Microcomputer
Noise Level	<65 dB(A)
Weight (Net/Gross)	16 kg
Power Supply	AC 200 50 Hz / 110 V 60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF×g
BX-104268	Microplate rotor	4×8PCR	13000	10410×g
BX-104104	Angle rotor	12x1.5/2 ml	16000	16260×g
BX-104106	Angle rotor	24x1.5/2 ml	14000	17950×g
BX-104105	Angle rotor	10x5 ml	16000	17880×g
BX-104269	Angle rotor	6x10 ml	13000	14190×g
BX-104102	Angle rotor	40x0.2 ml	16000	19040×g

BCBH-305 BENCHTOP HIGH SPEED CENTRIFUGE



10 kinds of acceleration and deceleration
 Multiple rotor for your choice
 High speed, low noise, compact design and small vibration
 User-friendly LED display provides speed, time and temperature parameters
 Brushless frequency motor which in great torque, no powder pollution, free maintenance, quick in speed up and down
 Imbalance sensor and over speed sensor, the centrifuge body is made of high-quality steel, very safe

SPECIFICATIONS

Model	BCBH-305
Maximum Capacity (No of tubes x Vol.)	4x300ml
Temperature Accuracy	±1°C
Maximum Speed RPM	16000
Speed Accuracy	±20 rpm
Maximum RCF	27170×g
Timer Range	0-99h 59 min
RPM / RCF convert	Yes
Acceleration/ Deceleration	10 kinds
Control	Microcomputer
Noise Level	<55 dB(A)
Power Supply	AC 200 50 Hz / 110 V 60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF×g
BX-104275	Swing rotor rack (aluminium alloy)			
BX-104276	Swing buckets (round cup) (aluminium alloy)	4x300 ml	4500	4030×g
BX-104277	Swing buckets (square cup) (aluminium alloy)	4x300 ml	4500	3990×g
BX-104278	Swing buckets (aluminium alloy)	4x24x7 ml	4000	3150×g
BX-104279	Swing buckets (aluminium alloy)	4x24x5 ml	4000	2750×g
BX-104280	Swing buckets (aluminium alloy)	4x16x10 ml	4000	3150×g
BX-104281	Microplate rotor	2x4x96 well	4000	2910×g
BX-104282	Swing rotor rack (stainless steel)		4000	2910×g
BX-104283	Swing buckets (stainless steel)	4x1x50 ml	5000	4730×g
BX-104284	Swing buckets (stainless steel)	4x1x100 ml	5000	4730×g
BX-104285	Swing buckets (stainless steel)	4x2x100 ml	4000	3020×g
BX-104286	Swing buckets (stainless steel)	4x2x50 ml	4000	3020×g
BX-104287	Swing buckets (stainless steel)	4x8x15 ml	4000	3200×g
BX-104288	Swing buckets (stainless steel)	4x6x15 ml	4000	3200×g
BX-104289	Swing buckets (stainless steel)	4x4x10 ml	4000	2770×g

BX-104290	Swing buckets (stainless steel)	4×4×7/5 ml vacuum tube adapter	4000	2360xg
BX-104291	Swing buckets (stainless steel)	4×6×10 ml	4000	2770xg
BX-104292	Swing buckets (stainless steel)	4×6×7/5 ml vacuum tube adapter	4000	2360xg
BX-104293	Swing buckets (stainless steel)	4×8×10 ml	4000	2770xg
BX-104294	Swing buckets (stainless steel)	4×8×7/5 ml vacuum tube adapter	4000	2360xg
BX-104295	Swing buckets (stainless steel)	4×16×5 ml vacuum tube	4000	2520xg
BX-104296	Swing buckets (stainless steel)	4×16×7 ml vacuum tube	4000	2880xg
BX-104297	Swing buckets (stainless steel)	4×12×10 ml vacuum tube	4000	2880xg
BX-104298	Fixed Rotor	4×8PCR	16000	15760xg
BX-104299	Fixed Rotor	6×8PCR	16000	24370xg
BX-104300	Fixed Rotor	8×8PCR	16000	17480xg
BX-104301	Fixed Rotor	12×8PCR	16000	26090xg
BX-104302	Fixed Rotor	40×0.5 ml	15000	22920xg
BX-104303	Fixed Rotor	12×1.5/2 ml	16000	17940xg
BX-104304	Fixed Rotor	24×1.5/2 ml	16000	23440xg
BX-104305	Fixed Rotor	30×1.5/2 ml	16000	27170xg
BX-104306	Fixed Rotor	48×1.5/2 ml	16000	27170xg
BX-104307	Fixed Rotor	16×5 ml	16000	22020xg
BX-104308	Fixed Rotor	6×10 ml	16000	21500xg
BX-104309	Fixed Rotor	12×10 ml	16000	25800xg
BX-104310	Fixed Rotor	16×10 ml	14000	22610xg
BX-104311	Fixed Rotor	8×15 ml	14000	20630xg
BX-104312	Fixed Rotor	12×15 ml	12000	17060xg
BX-104313	Fixed Rotor	24×15 ml	5000	3500xg
BX-104314	Fixed Rotor	30×15 ml	5000	3830xg
BX-104315	Fixed Rotor	6×30 ml	15000	21880xg
BX-104316	Fixed Rotor	12×30 ml	12000	17640xg
BX-104317	Fixed Rotor	6×50 ml (falcon)	14000	21850xg
BX-104318	Fixed Rotor	8×50 ml (falcon)	12000	18200xg
BX-104319	Fixed Rotor	10×50 ml (falcon)	9000	11240xg
BX-104320	Fixed Rotor	6×50 ml (round)	14000	21730xg
BX-104321	Fixed Rotor	8×50 ml (round)	12000	17880xg
BX-104322	Fixed Rotor	4×85 ml	14000	21960xg
BX-104323	Fixed Rotor	6×85 ml	12000	17750xg
BX-104324	Fixed Rotor	8×85 ml	9000	11160xg
BX-104325	Fixed Rotor	4×100 ml	14000	20220xg
BX-104326	Fixed Rotor	6×100 ml	12000	16390xg
BX-104327	Fixed Rotor	8×100 ml	9000	11120xg
BX-104328	Fixed Rotor	12×100 ml	4000	2970xg
BX-104329	Fixed Rotor	4×250 ml	8000	9090xg
BX-104330	Fixed Rotor	24 capillaries	14000	15800xg
BX-104331	Swing Rotor	4×5 ml	15000	19920xg
BX-104332	Swing Rotor	4×30 ml	12000	20090xg
BX-104333	Swing Rotor	4×50 ml	10000	16240xg
BX-104334	Vertical rotor	16×5 ml	16000	16450xg
BX-104335	Vertical rotor	8×30 ml	14000	19750xg

BCBH-306 BENCHTOP HIGH SPEED CENTRIFUGE



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

Microprocessor control, LED display in speed, temperature and time etc.

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

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

3 layers protection of steel structure, safe and reliable

SPECIFICATIONS

Model	BCBH-306
Maximum Capacity (No of tubes x Vol.)	4x800ml
Maximum Speed RPM	21000
Speed Accuracy	±20 rpm
Maximum RCF	30910×g
Timer Range	0-99h 59 min
Overall Dimension	700x500x400 mm
Control	Microcomputer
Noise Level	<58 dB(A)
Weight (Net/Gross)	75 kg
Power Supply	AC110/ 220V 50/60HZ

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF×g
BX-104178	Angle rotor	12x1.5/2ml	21000	28030xg
BX-104179	Angle rotor	40x0.5ml	15000	22920xg
BX-104180	Angle rotor	24x1.5/2ml	17000	26460xg
BX-104181	Angle rotor	30x1.5/2ml	13500	19340xg
BX-104182	Angle rotor	16x5ml	16000	22020xg
BX-104183	Angle rotor	12x7ml	16000	21380xg
BX-104184	Angle rotor	12x15ml	10000	11840xg
BX-104185	Angle rotor	12x10ml	15000	22680xg
BX-104186	Angle rotor	8x20ml	15000	22680xg
BX-104187	Angle rotor	6x30ml	14000	19060xg
BX-104188	Angle rotor	6x50ml	12000	16050xg
BX-104189	Angle rotor	6x70ml	12000	15570xg
BX-104190	Angle rotor	4x100ml	12000	14850xg
BX-104191	Angle rotor	6x100ml	10000	11380xg
BX-104192	Angle rotor	6x10ml	16000	21500xg
BX-104193	Angle rotor	30x0.5ml	18000	26660xg

BX-104194	Angle rotor	48x1.5/2ml	13000	17930xg
BX-104270	Swing rotor	4x5 ml	15000	19920xg
BX-104025	Vertical rotor	16x5 ml	16000	16450xg
BX-104094	Bucket rotor	2x3x48 well	4000	2300xg
BX-104217	Bucket rotor	4x4x96 well	4000	2840xg
BX-104271	Bucket rotor	2x4x96 well	4000	2490xg
BX-104028	Swing rotor	4x800 ml	4000	3450xg
BX-104272	Swing rotor	4x40x5 ml	4000	2890xg
BX-104273	Swing rotor	4x40x7 ml	4000	3270xg
BX-104274	Swing rotor	4x28x10 ml	4000	3130xg



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