



PRODUCT CATALOG



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.

100 SERIES BENCHTOP HIGH 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, 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	BCBH-101	BCBH-102	BCBH-103	BCBH-104
Maximum Capacity (No of tubes x Vol.)	6x50 ml	10x5 ml	6x50 ml	4x100 ml
Maximum Speed RPM	16000		18500	16500
Speed Increment	±10 rpm			
Maximum RCF	23669xg	17800xg	23797xg	18930xg
Timer Range	0-99 min			
Overall Dimension	330x420x280 mm	230x310x240 mm	410x490x310 mm	
Program	6 user programs	3 user programs	8 user programs	
Control	Microcomputer			
Display	LED			
Noise Level	<65dB(A)			
Weight (Net/Gross)	18/20 kg	10/12 kg	25 kg	
Power	370 W	90 W	370 W	
Power Supply	220V 50HZ 5A		220V 50HZ 10A	
Speed Accuracy	-	-	±30 rpm	

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}	For Models
BX-103302	Angle rotor	1.5ml/2.2mlx12	16000	17800xg	BCBH-101
BX-103303	Angle rotor	1.5ml/2.2mlx24	13200	16110xg	BCBH-101
BX-103304	Angle rotor	5mlx10	13000	11400xg	BCBH-101
BX-103305	Angle rotor	10mlx12	12000	14800xg	BCBH-101
BX-103306	Angle rotor	15mlx8	12000	14800xg	BCBH-101
BX-103307	Angle rotor	0.5mlx36/48	16000	23669xg	BCBH-101
BX-103308	Angle rotor	50mlx6	12000	14700xg	BCBH-101
BX-103309	Angle rotor	1.5ml/2.2mlx12	16000	17800xg	BCBH-102
BX-103310	Angle rotor	5mlx10	13000	11400xg	BCBH-102
BX-103311	Angle rotor	1.5ml/2.2mlx18	13200	16110xg	BCBH-102
BX-103312	Angle rotor	1.5ml/2.2mlx12	16500	18930xg	BCBH-103
BX-103313	Angle rotor	5mlx10	13000	11400xg	BCBH-103, BCBH-104
BX-103314	Angle rotor	10mlx12	12000	14800xg	BCBH-103, BCBH-104
BX-103315	Angle rotor	15mlx8	12000	14800xg	BCBH-103, BCBH-104
BX-103316	Angle rotor	50mlx6	12000	13000xg	BCBH-103, BCBH-104
BX-103317	Angle rotor	100mlx4	12000	13000xg	BCBH-103, BCBH-104
BX-103318	Swing rotor	10mlx4	6000	3200xg	BCBH-103, BCBH-104
BX-103319	Microplate rotor	2x48 well	3000	1400xg	BCBH-103, BCBH-104
BX-103320	Angle rotor	1.5ml/2.2mlx24	13200	16110xg	BCBH-103, BCBH-104
BX-103321	Angle rotor	0.5mlx36/48	16000	23669xg	BCBH-103, BCBH-104
BX-103322	Angle rotor	1.5ml/2.2mlx12	18500	23797xg	BCBH-104



BCBH-101



BCBH-102



BCBH-104



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200 SERIES BENCHTOP 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-203	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 59min			
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-103003	Fixed Angle Rotor	12x1.5/2.0 ml	16500	18780xg	BCBH-203
BX-103004	Fixed Angle Rotor	18x1.5/0.5 ml	15000	17770xg	BCBH-203
BX-103005	Fixed Angle Rotor	24x1.5/2.0 ml	14000	18180xg	BCBH-203
BX-103006	Fixed Angle Rotor	10x5 ml	13500	13520xg	BCBH-203
BX-103007	Fixed Angle Rotor	8x15 ml	12000	14800xg	BCBH-203
BX-103008	Fixed Angle Rotor	12x10ml	12000	13400xg	BCBH-203
BX-103009	Fixed Angle Rotor	12*5ml	15000	15600xg	BCBH-203
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-203



BCBH-204

300 SERIES BENCHTOP HIGH SPEED CENTRIFUGE



Microcomputer controlled programmable operation with CPU control system that controls speed, temperature and relative centrifuge force

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

Fully stainless steel structure and aluminium alloy rotor for sustainable use

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 Identification, Rotor imbalance detector, Lid protection, Door Cover Protection, Built in electronic door lock and protection,

Over speed protection, over temperature protection

SPECIFICATIONS

Model	BCBH-301	BCBH-302	BCBH-303
Maximum Capacity (No of tubes x Vol.)	4x100 ml		
Maximum Speed RPM	20000	22000	24000
Speed Increment	±50 rpm		
Maximum RCF	27800xg	34700xg	47800xg
Timer Range	0-99 min		
Overall Dimension	500x360x330 mm		
Program	10 user programs		
Control	Microcomputer		
Display	LCD		
Noise Level	<65 dB(A)		
Weight (Net/Gross)	25 kg		
Power	420 W	470 W	
Power Supply	AC220v 50Hz 5A		

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}	For Models
BX-102771	Angle Rotor	12x1.5/2ml	20000	17800xg	BCBH-301
BX-102772	Angle Rotor	8x5ml	13000	11400xg	BCBH-301
BX-102773	Angle Rotor	12x10ml	12000	14800xg	BCBH-301
BX-102774	Angle Rotor	24x1.5/2.2ml	15000	19970xg	BCBH-301
BX-102775	Angle Rotor	48x0.5ml	13500	14800xg	BCBH-301
BX-102776	Angle Rotor	36x1.5ml	13500	17000xg	BCBH-301
BX-102777	Angle Rotor	6x50ml	13000	17940xg	BCBH-301
BX-102778	Angle Rotor	4x100ml	10000	9800xg	BCBH-301
BX-102779	Microplates Rotor	2x2x48holes	4000	1400xg	BCBH-301
BX-102780	Angle Rotor	12x1.5/2 ml	22000	34700xg	BCBH-302
BX-102781	Angle Rotor	8x5ml	13000	11400xg	BCBH-302
BX-102782	Angle Rotor	12x10ml	12000	14800xg	BCBH-302
BX-102783	Angle Rotor	6x50ml	11000	12900xg	BCBH-302

BX-102784	Angle Rotor	24x1.5/2ml	13500	17760xg	BCBH-302
BX-102785	Angle Rotor	4x100ml	10000	9680xg	BCBH-302
BX-102786	Angle Rotor	36x1.5ml	13500	9680xg	BCBH-302
BX-102787	Angle Rotor	6x30ml	8000	98000xg	BCBH-302
BX-102788	Microplates Rotor	2x2x48 holes	3500	1760xg	BCBH-302
BX-102789	Angle Rotor	12x1.5/2ml	24000	17800xg	BCBH-303
BX-102790	Angle Rotor	8x5ml	16000	25600xg	BCBH-303
BX-102791	Angle Rotor	12x10ml	15000	23200xg	BCBH-303
BX-102792	Angle Rotor	24x1.5/2.2ml	16000	23200xg	BCBH-303
BX-102793	Angle Rotor	48x0.5ml	13500	14800xg	BCBH-303
BX-102794	Angle Rotor	36x1.5ml	16000	16340xg	BCBH-303
BX-102795	Angle Rotor	6x50ml	13000	16800xg	BCBH-303
BX-102796	Angle Rotor	4x100ml	10000	9800xg	BCBH-303
BX-102797	Microplates Rotor	2x2x48holes	3500	1760xg	BCBH-303



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