

PRODUCT CATALOG



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.

100 SERIES 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-101	BCBL-102	BCBL-103	BCBL-104
Maximum Capacity (No of tubes x Vol.)	24x10 ml	12x15 ml	18x10 ml, 12x20 ml	4x500 ml
Maximum Speed RPM	4000		4200	5000
Speed Increment	±10 rpm			
Maximum RCF	2220xg	1700xg	2760xg	5030xg
Timer Range	0-99 min			
Overall Dimension	330x420x280 mm	230x310x240 mm	410x490x310 mm	460x540x340 mm
Program	4 user programs	2 user programs		5 user programs
Control	Microcomputer			
Display	LED			
Noise Level	<65dB(A)			
Weight (Net/Gross)	15/18 kg	9/10 kg	18/20 kg	30/32 kg
Power	40 W		275 W	370 W
Power Supply	220V, 50Hz			220V, 60Hz

Model	BCBL-106	BCBL-107	BCBL-108	BCBL-109
Maximum Capacity (No of tubes x Vol.)	32x15 ml	24x10 ml		500 mlx4
Maximum Speed RPM	5000		6000	
Speed Increment	±10 rpm			
Maximum RCF	4390xg	4100xg	5120xg	5300xg
Timer Range	0-99 min			0-99 h 59 min
Overall Dimension	460x540x340 mm	410x490x310 mm		460x540x340 mm
Program	5 user programs	2 user programs		5 user programs
Control	Microcomputer			
Display	LED			LCD

Noise Level	<65dB(A)			
Weight (Net/Gross)	30/32 kg	25 kg	28/30 kg	35 kg
Power	370 W	275 W		
Power Supply	220V, 60Hz	220V, 50Hz	220V 50Hz 10A	221V 50Hz 10A

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}	For Models
BX-103344	Angle rotor	10mlx18	4000	2200xg	BCBL-101
BX-103345	Angle rotor	10mlx24	4000	2200xg	BCBL-101
BX-103346	Angle rotor	20mlx12	4000	2200xg	BCBL-101
BX-103347	Swing rotor	15mlx8	4000	2200xg	BCBL-101
BX-103348	Angle rotor	20mlx8	4000	1700xg	BCBL-102
BX-103349	Angle rotor	10mlx12	4000	1700xg	BCBL-102
BX-103350	Angle rotor	15mlx12	4000	1700xg	BCBL-102
BX-103351	Angle rotor	10mlx18 20mlx12	4000	2200xg	BCBL-103
BX-103352	Swing rotor	50mlx4	4200	2760xg	BCBL-103
BX-103353	Swing rotor	10mlx8	4200	2760xg	BCBL-103
BX-103354	Swing rotor	5mlx16	4200	2760xg	BCBL-103
BX-103355	Swing rotor	500mlx4	4000	3220xg	BCBL-104
BX-103356	Swing rotor	50mlx8	5000	5030xg	BCBL-104
BX-103357	Swing rotor	10mlx32	4300	3582xg	BCBL-104
BX-103358	Swing rotor	250mlx4	4300	3582xg	BCBL-104
BX-103359	Swing rotor	7mlx48	4300	3582xg	BCBL-104
BX-103360	Swing rotor	7mlx72 Auto cap of	4000	3582xg	BCBL-104
BX-103361	Microplate rotor	8x96well	4000	2200xg	BCBL-104
BX-103370	Swing rotor	50mlx4	5000	4390xg	BCBL-106
BX-103371	Swing rotor	50mlx8	4000	2810xg	BCBL-106
BX-103372	Swing rotor	15mlx32	4000	2810xg	BCBL-106
BX-103373	Swing rotor	7mlx48	4000	2810xg	BCBL-106
BX-103374	Microplate rotor	8x96well	4000	2200xg	BCBL-106
BX-103375	Angle rotor	10mlx24	5000	4100xg	BCBL-107
BX-103376	Swing rotor	5mlx24	4200	2760xg	BCBL-107
BX-103377	Swing rotor	15mlx12	4200	2760xg	BCBL-107
BX-103378	Swing rotor	15mlx12	4200	2760xg	BCBL-107
BX-103379	Angle rotor	15mlx12	6000	5120xg	BCBL-108
BX-103380	Swing rotor	15mlx12	4200	2760xg	BCBL-108
BX-103381	Swing rotor	5mlx24	4200	2760xg	BCBL-108
BX-103382	Swing rotor	10mlx24	4200	2760xg	BCBL-108
BX-103383	Swing rotor	50mlx4	4200	2760xg	BCBL-108
BX-103384	Angle rotor	15mlx12	6000	5300xg	BCBL-109
BX-103385	Swing rotor	250mlx4	4300	3582xg	BCBL-109
BX-103386	Swing rotor	50mlx8	4300	3582xg	BCBL-109
BX-103387	Swing rotor	10mlx32	4300	3582xg	BCBL-109
BX-103388	Swing rotor	500mlx4	4000	3100xg	BCBL-109
BX-103389	Microplate rotor	8x96well	4000	2200xg	BCBL-109



BCBL-101



BCBL-102



BCBL-104



BCBL-106



BCBL-107



BCBL-108



BCBL-109

100 SERIES 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.)	4×50 ml, 4×100ml, 12×15ml	4×100 ml	12×15 ml
Maximum Speed RPM	4000		
Speed Increment	±30 rpm		
Maximum RCF	2100xg		
Timer Range	0-99 h 59 min		
Overall Dimension	500×450×280 mm		
Program	20 user programs		
Control	Microcomputer		
Display	LCD		
Noise Level	≤60dB		

Weight (Net/Gross)	20/25 kg	
Power	350 W	
Power Supply	220V, 50Hz	220V, 60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}	For Models
BX-103174	Swing rotor	4x50ml	4000	2100xg	BCBLS-101
BX-103175	Swing rotor	4 x 100ml	4000	2100xg	BCBLS-102
BX-103176	Swing rotor	12x 15 ml	4000	2100xg	BCBLS-103

100 SERIES 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 RPM	5000
Speed Increment	±50 rpm
Maximum RCF	4390xg
Timer Range	0-99h 59min
Overall Dimension	740x620x900 mm
Program	20 user programs
Control	Microcomputer
Display	LCD
Noise Level	≤65dB(A)
Weight (Net/Gross)	85/100 kg
Power	800 W
Power Supply	220V, 50Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}
BX-103243	Swinging-bucket Rotor	148x 7 ml	4000	3780 _{xg}
BX-103244	Swinging-bucket Rotor	6x 500 ml round	3600	2980 _{xg}
BX-103245	Swinging-bucket Rotor	4x 500 ml elliptic	4000	3780 _{xg}
BX-103246	Swinging-bucket Rotor	4x 250 ml	4000	3600 _{xg}
BX-103247	Swinging-bucket Rotor			
BX-103248	Swinging-bucket Rotor- Buckets	4x100ml	5000	4390 _{xg}
BX-103249	Swinging-bucket Rotor- Buckets	8x50ml	4000	2810 _{xg}
BX-103250	Swinging-bucket Rotor- Buckets	32x15ml	4000	2810 _{xg}
BX-103251	Swinging-bucket Rotor- Buckets	48x 5ml/2ml	4000	2810 _{xg}
BX-103252	Swinging-bucket Rotor	76x 5ml/2ml	4000	2810 _{xg}
BX-103253	Swing Micro-Plate Rotor	2x2x96 2x2x96 places	4000	2360 _{xg}

200 SERIES 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.)	12x20 ml, 24x10 ml, 18x10ml	4x500 ml	4x250 ml	4x100 ml
Maximum Speed RPM	4000	5000		
Speed Increment	±50 rpm			
Speed Accuracy	±30 rpm	-	-	-
Maximum RCF	2600 _{xg}	4800 _{xg}		
Timer Range	0-99 h 59 min	0-99 h 59 min continuous short centrifugal		0-99 h 59 min
Overall Dimension	500x450x280 mm	586x644x370 mm	600x540x360 mm	
Program	20 user programs			
Control	Microcomputer			
Display	LCD			

Noise Level	≤60dB	≤65dB		
Weight (Net/Gross)	20/25 kg	50 kg	35/42 kg	
Power	350 W	800 W	500 W	450 W
Power Supply	220V 50Hz 10	220V, 50Hz		

Model	BCBL-205	BCBL-206	BCBL-207	BCBL-208
Maximum Capacity (No of tubes x Vol.)	4×100 ml	4×250 ml		4×100 ml
Maximum Speed RPM	5000	5500	6000	
Speed Increment	±50 rpm			
Speed Accuracy	-	-	-	-
Maximum RCF	4420xg	4800xg	5140xg	
Timer Range	0-99 h 59 min			
Overall Dimension	500×450×280 mm	600×540×360 mm		
Program	20 user programs			
Control	Microcomputer			
Display	LCD			
Noise Level	≤65dB			
Weight (Net/Gross)	25/35 kg	35/42 kg		
Power	350 W	500 W		
Power Supply	220V, 50Hz			

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}	For Models
BX-103115	Fixed Angle Rotor	12x20ml	4000	2600xg	BCBL-201
BX-103116	Fixed Angle Rotor	18x10ml	4000	2600xg	BCBL-201
BX-103117	Fixed Angle Rotor	24x10ml	4000	2600xg	BCBL-201
BX-103118	Swinging-bucket rotor				BCBL-204
BX-103119	Swinging-bucket rotor- Buckets	4x50ml	5000	4600xg	BCBL-204
BX-103120	Swinging-bucket rotor- Buckets	4x100ml	5000	4800xg	BCBL-204
BX-103121	Swinging-bucket rotor- Buckets	8x50ml	4000	2810xg	BCBL-204
BX-103122	Swinging-bucket rotor- Buckets	32x15ml	4000	2810xg	BCBL-204
BX-103123	Swinging-bucket rotor- Buckets	32x10ml	4000	2810xg	BCBL-204
BX-103124	Swinging-bucket rotor- Buckets	48x5ml/2ml	4000	2940xg	BCBL-204
BX-103125	Swinging-bucket rotor- Buckets	76x5ml/2ml	4000	3100xg	BCBL-204
BX-103126	Swing -bucket rotor plate				BCBL-205
BX-103127	Swing -bucket rotor plate- Buckets	16x15ml	4000	2950xg	BCBL-205
BX-103128	Swing -bucket rotor plate- Buckets	24x5ml	4000	2950xg	BCBL-205
BX-103129	Swing -bucket rotor plate- Buckets	4x50ml	5000	4420xg	BCBL-205
BX-103130	Swing -bucket rotor plate- Buckets	4x100ml	4000	2100xg	BCBL-205
BX-103131	Fixed Angle Rotor	12x15ml	5000	3580xg	BCBL-205
BX-103132	Fixed Angle Rotor	24x10ml	4000	2600xg	BCBL-205
BX-103133	Fixed Angle Rotor	12x10ml	5500	4328xg	BCBL-206
BX-103134	Swinging-bucket Rotor	12x15ml	5000	4500xg	BCBL-206
BX-103135	Swinging-bucket Rotor- Adapter	24x10ml	5000	4500xg	BCBL-206
BX-103136	Swinging-bucket Rotor- Adapter	4x250ml	4000	3290xg	BCBL-206

BX-103137	Swinging-bucket Rotor- Adapter	8x50 ml	4000	3290xg	BCBL-206
BX-103138	Swinging-bucket Rotor- Adapter	24x15 ml	4000	3290xg	BCBL-206
BX-103139	Swinging-bucket Rotor- Adapter	32x10 ml	4000	3290xg	BCBL-206
BX-103140	Swinging-bucket Rotor- Adapter	40x5 ml	4000	3290xg	BCBL-206
BX-103141	Swinging-bucket Rotor- Buckets	8x50ml	4000	2810xg	BCBL-206
BX-103142	Swinging-bucket Rotor- Buckets	4x50ml	5000	4600xg	BCBL-206
BX-103143	Swinging-bucket Rotor- Buckets	4x100ml	5000	4800xg	BCBL-206
BX-103144	Swinging-bucket Rotor- Buckets	24x15ml	4000	2810xg	BCBL-206
BX-103145	Swinging-bucket Rotor- Buckets	32x15ml	4000	2810xg	BCBL-206
BX-103146	Swinging-bucket Rotor- Buckets	32x10ml	4000	2810xg	BCBL-206
BX-103147	Swinging-bucket Rotor- Buckets	48x5ml/2ml	4000	2940xg	BCBL-206
BX-103148	Swinging-bucket Rotor- Buckets	76x5ml/2ml	4000	3100xg	BCBL-206
BX-103149	Swing Micro-Plate Rotor	2x2x96	4000	2360xg	BCBL-206
BX-103150	Fixed Angle Rotor	12x10 ml	6000	5140xg	BCBL-207
BX-103151	Swinging-bucket Rotor	16x15ml	5000	4400xg	BCBL-207
BX-103152	Swinging-bucket Rotor	24x10ml	4000	2810xg	BCBL-207
BX-103153	Swinging-bucket Rotor- Adapter	4x250 ml	4000	3290xg	BCBL-207
BX-103154	Swinging-bucket Rotor- Adapter	8x50 ml	4000	3290xg	BCBL-207
BX-103155	Swinging-bucket Rotor- Adapter	24x15 ml	4000	3290xg	BCBL-207
BX-103156	Swinging-bucket Rotor- Adapter	32x10 ml	4000	3290xg	BCBL-207
BX-103157	Swinging-bucket Rotor- Adapter	40x5 ml	4000	3290xg	BCBL-207
BX-103158	Swinging-bucket rotor				BCBL-207
BX-103159	Swinging-bucket rotor- Buckets	4x100 ml	5000	4800xg	BCBL-207
BX-103160	Swinging-bucket rotor- Buckets	8x50 ml	4000	2810xg	BCBL-207
BX-103161	Swinging-bucket rotor- Buckets	32x15 ml	4000	2810xg	BCBL-207
BX-103162	Swinging-bucket rotor- Buckets	32x10 ml	4000	2810xg	BCBL-207
BX-103163	Swinging-bucket rotor- Buckets	48x5ml/2 ml	4000	2810xg	BCBL-207
BX-103164	Swing Micro- Plate Rotor	2x2x96 holes 2x2x96 places	4000	2360xg	BCBL-207
BX-103165	Fixed Angle Rotor	12x10 ml	6000	5140xg	BCBL-208
BX-103166	Buckets	4x50ml	5000	4600xg	BCBL-208
BX-103167	Buckets	4x100ml	5000	4800xg	BCBL-208
BX-103168	Buckets	8x50ml	5000	2810xg	BCBL-208
BX-103169	Buckets	32x15ml	4000	2810xg	BCBL-208
BX-103170	Buckets	32x10ml	4000	2810xg	BCBL-208
BX-103171	Buckets	48x5ml/2ml	4000	2940xg	BCBL-208
BX-103172	Buckets	76x5ml/2ml	4000	3100xg	BCBL-208
BX-103173	Swing Micro-Plate	2x2x96	4000	2360xg	BCBL-208

200 SERIES FLOOR TYPE LOW SPEED CENTRIFUGE



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

LCD widescreen displays set and run conditions for easy monitoring

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

Fully stainless steel structure and aluminium alloy rotor for sustainable use

Speed and the centrifugal force can be step adjusted (10 RPM/10xg)

Multiple layers of shock absorbers with auto balancing function

Adapter with double unique design to avoid cap dropping while in use

Avoids re-mixing of blood after separation and eliminates bacterial infection

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

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

SPECIFICATIONS

Model	BCFL-201	BCFL-202	BCFL-203
Maximum Capacity (No of tubes x Vol.)	216x5/7 ml	6x500 ml	
Maximum Speed RPM	4000	5000	6000
Speed Increment	±50 rpm		
Maximum RCF	3840xg	4390xg	5120xg
Timer Range	0-99 min		
Overall Dimension	800x600x820 mm		
Control	Microcomputer		
Display	LCD		
Noise Level	≤65dB(A)		
Weight (Net/Gross)	120/140 kg		
Power Supply	220V, 60Hz		

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}	For Models
BX-102912	Swing Rotor	96x5/7ml	4000	3840xg	BCFL-201
BX-102913	Swing Rotor	124x5/7ml	4000	3840xg	BCFL-201
BX-102914	Swing Rotor	148x5/7ml	4000	3840xg	BCFL-201
BX-102915	Swing Rotor (refrigerated)	216x5/7ml	4000	3840xg	BCFL-201
BX-102916	Angle Rotor	12x10ml	6000	5120xg	BCFL-202, BCFL-203
BX-102917	Swing Rotor	148x7ml	4000	3000xg	BCFL-202, BCFL-203
BX-102918	Swing Rotor	4x750ml	4000	3500xg	BCFL-202, BCFL-203
BX-102919	Swing Rotor	6x500ml	4000	4390xg	BCFL-202, BCFL-203
BX-102920	Swing Rotor	4x100ml	5000	4390xg	BCFL-202, BCFL-203
BX-102921	Swing Rotor	32x15ml	4000	2810xg	BCFL-202, BCFL-203
BX-102922	Swing Rotor	48x7ml	4000	2810xg	BCFL-202, BCFL-203
BX-102923	Swing Rotor	72x5ml	4000	2810xg	BCFL-202, BCFL-203
BX-102924	Swing Rotor	6x300ml	4000	3300xg	BCFL-202, BCFL-203
BX-102925	Swing Rotor	2x2x96ml	4000	2300xg	BCFL-202, BCFL-203



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