

PRODUCT CATALOG



LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

Engineered to maximize productivity and reliably deliver a wide range of low speed separations. Stainless steel interiors, integrated refrigeration system and advanced temperature controls make it flexible for your evolving applications. Safety features and low noise operation make it an ideal partner for your day to day separations.

100 SERIES BENCHTOP LOWSPEED REFRIGERATED 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

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

Stainless Steel interior and exterior made up of anticorrosive ABS material

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

Refrigerant: CFC-free R404a

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	BCBLR-101	BCBLR-102
Maximum Capacity (No of tubes x Vol.)	24/32x15 ml	4x250 ml
Temperature Range	-5°C to 35°C	
Temperature Accuracy	±1°C	
Maximum Speed RPM	5000	8000
Speed Increment	±10 rpm	
Maximum RCF	4390xg	9100xg
Timer Range	0-99 min	
Overall Dimension	460x550x400 mm	740x520x400 mm
Program	10 user programs	
Control	Microcomputer	
Display	LED	
Noise Level	≤65dB	
Weight (Net/Gross)	90/100 kg	
Power	450 W	700 W
Power Supply	220V, 60Hz	

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _g	For Models
BX-103177	Fixed Angle Rotor	12x10 ml	5500	4328xg	BCBLR-101
BX-103178	Swinging-bucket Rotor	12x15 ml	5000	4500xg	All
BX-103179	Swinging-bucket Rotor	24x10 ml	5000	4500xg	All
BX-103180	Swinging-bucket Rotor- Adapter	4x250 ml	4000	3290xg	All
BX-103181	Swinging-bucket Rotor- Adapter	8x50 ml	4000	3290xg	All
BX-103182	Swinging-bucket Rotor- Adapter	24 x 15 ml	4000	3290xg	All
BX-103183	Swinging-bucket Rotor- Adapter	32 x 10 ml	4000	3290xg	All
BX-103184	Swinging-bucket Rotor- Adapter	40 x 5 ml	4000	3290xg	All
BX-103185	Swinging-bucket rotor				All
BX-103186	Swinging-bucket rotor- Buckets	4x50 ml	5000	4600xg	All
BX-103187	Swinging-bucket rotor- Buckets	4x100 ml	5000	4800xg	All
BX-103188	Swinging-bucket rotor- Buckets	8x50 ml	4000	2810xg	All
BX-103189	Swinging-bucket rotor- Buckets	32 x15 ml	4000	2810xg	All
BX-103190	Swinging-bucket rotor- Buckets	32 x10 ml	4000	2810xg	All
BX-103191	Swinging-bucket rotor- Buckets	48x5ml/2ml	4000	2940xg	All
BX-103192	Swinging-bucket Rotor	76x5ml/2ml	4000	3100xg	All
BX-103193	Swing Micro- Plate Rotor	2x2x96 holes	4000	2360xg	All
BX-103195	Fixed Angle Rotor	12x10 ml	8000	5940xg	BCBLR-102

100 SERIES FLOOR TYPE LOW SPEED REFRIGERATED CENTRIFUGE



Microcomputer controlled with programmable operation
 LED/LCD screen displays set and run conditions for easy monitoring
 Brushless DC Motor ensures low maintenance, high efficiency and constant speed of rotation
 Stainless Steel interior and exterior made up of anticorrosive ABS material
 Real-time conversion of RPM/RCF
 Dual temperature control
 Automatic storage of working data
 Dependable performance that maximizes your productivity
 Minimize sample disturbance during bucket loading and unloading
 Refrigerant: CFC-freeR404a

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	BCFLR-101	BCFLR-102	BCFLR-103
Maximum Capacity (No of tubes x Vol.)	4x1000 ml	6x500 ml	6x1200 ml
Temperature Range	-20°C to 40°C		
Temperature Accuracy	±1°C		
Maximum Speed RPM	5000		6000
Speed Increment	±50 rpm		
Maximum RCF	4100xg	3780xg	6680xg
Timer Range	0-99 h 59 min		
Overall Dimension	620x710x1100 mm		710x840x1200 mm
Program	3 user programs	5 user programs	2 user programs
Control	Microcomputer		
Display	LED		LCD
Noise Level	≤65dB		
Weight (Net/Gross)	220/240 kg		300/320kg
Power	1500 W		3000 W
Power Supply	220V, 60Hz	220V 50HZ 30	220V, 60Hz

Model	BCFLR-104	BCFLR-105
Maximum Capacity (No of tubes x Vol.)	6x500 ml	6x2400 ml
Temperature Range	-20°C to 40°C	
Temperature Accuracy	±1°C	
Maximum Speed RPM	8000	
Speed Increment	±50 rpm	
Maximum RCF	9100xg	11260xg
Timer Range	0-99 h 59 min	
Overall Dimension	650x710x1120 mm	900x1000x1300 mm
Program	5 user programs	3 user programs
Control	Microcomputer	
Display	LED	LCD
Noise Level	≤65dB	≤70dB
Weight (Net/Gross)	180 kg	300/320kg
Power	6250 W	3700 W
Power Supply	220V 50HZ 20	220V, 50Hz 30A

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}	For Models
BX-103463	Angle rotor	300mlx6	5000	3850xg	BCFLR-101
BX-103464	Swing rotor	500mlx4	4000	4100xg	BCFLR-101
BX-103465	Swing rotor	750mlx4	4000	4100xg	BCFLR-101
BX-103466	Swing rotor	1000mlx4	4000	4100xg	BCFLR-101
BX-103467	Swing rotor	10mlx148	4000	3780xg	BCFLR-101
BX-103468	Swing rotor	7mlx148/96	4000	3780xg	BCFLR-102
BX-103469	Angle rotor	50mlx6	5000	3780xg	BCFLR-102

BX-103470	Swing rotor	750mlx4	4000	3780xg	BCFLR-102
BX-103471	Swing rotor	500mlx4	4000	3780xg	BCFLR-102
BX-103472	Microplate rotor	8x96 well	4000	3040xg	BCFLR-102
BX-103473	Swing bucket	4 buckets	4000	3040xg	BCFLR-102
BX-103474	Swing bucket- Adapter	5mlx112	4000	3040xg	BCFLR-102
BX-103475	Swing bucket- Adapter	1.5mlx100	4000	3040xg	BCFLR-102
BX-103476	Swing bucket- Adapter	10mlx80	4000	3040xg	BCFLR-102
BX-103477	Swing bucket- Adapter	15mlx40 Round tube	4000	3040xg	BCFLR-102
BX-103478	Swing bucket- Adapter	15mlx40 conical tube	4000	3040xg	BCFLR-102
BX-103479	Swing bucket- Adapter	50mlx16 Round tube	4000	3040xg	BCFLR-102
BX-103480	Swing bucket- Adapter	50mlx16 Conical tube	4000	3040xg	BCFLR-102
BX-103481	Angle rotor	500mlx6	6000	6680xg	BCFLR-103
BX-103482	Swing rotor	1200mlx6	4200	5100xg	BCFLR-103
BX-103483	Swing rotor	7mlx148/96	4000	3780xg	BCFLR-104
BX-103484	Angle rotor	100mlx8	8000	9100xg	BCFLR-104
BX-103485	Swing rotor	750mlx4	4000	3780xg	BCFLR-104
BX-103486	Swing rotor	500mlx4	4000	3780xg	BCFLR-104
BX-103487	Microplate rotor	8x96 well	4000	2200xg	BCFLR-104
BX-103488	Swing bucket	4 buckets	4000	3040xg	BCFLR-104
BX-103489	Swing bucket- Adapter	5mlx112	4000	3040xg	BCFLR-104
BX-103490	Swing bucket- Adapter	1.5mlx100	4000	3040xg	BCFLR-104
BX-103491	Swing bucket- Adapter	10mlx80	4000	3040xg	BCFLR-104
BX-103492	Swing bucket- Adapter	15mlx40	4000	3040xg	BCFLR-104
BX-103493	Swing bucket- Adapter	15mlx40	4000	3040xg	BCFLR-104
BX-103494	Swing bucket- Adapter	50mlx16	4000	3040xg	BCFLR-104
BX-103495	Swing bucket- Adapter	50mlx16	4000	3040xg	BCFLR-104
BX-103496	Angle rotor	500mlx6	8000	11260xg	BCFLR-105
BX-103497	Swing rotor	2000mlx6	4000	6260xg	BCFLR-105
BX-103498	Swing rotor	2400mlx6	4000	6260xg	BCFLR-105

200 SERIES BENCHTOP LOWSPEED REFRIGERATED CENTRIFUGE



Microcomputer controlled programmable operation with push-button operation

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

Triple protective layers of steel bushings

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	BCBLR-201	BCBLR-202	BCBLR-203
Maximum Capacity (No of tubes x Vol.)	4x300 ml		
Temperature Range	-20°C to 40°C		
Temperature Accuracy	±1°C		
Maximum Speed RPM	5500	6500	8000
Speed Increment	±50 rpm		
Maximum RCF	4800xg		5940xg
Timer Range	0-99 h 59 min		
Overall Dimension	630×760×400 mm		
Program	20 user programs		
Control	Microcomputer		
Display	LCD		
Noise Level	≤65dB		
Weight (Net/Gross)	110/150 kg		
Power	1800 W		
Power Supply	220V, 50Hz		220V, 50Hz 10A

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}
BX-103178	Swinging-bucket Rotor	12x15 ml	5000	4500xg
BX-103179	Swinging-bucket Rotor	24x10 ml	5000	4500xg
BX-103180	Swinging-bucket Rotor- Adapter	4x250 ml	4000	3290xg
BX-103181	Swinging-bucket Rotor- Adapter	8x50 ml	4000	3290xg
BX-103182	Swinging-bucket Rotor- Adapter	24 x 15 ml	4000	3290xg
BX-103183	Swinging-bucket Rotor- Adapter	32 x 10 ml	4000	3290xg
BX-103184	Swinging-bucket Rotor- Adapter	40 x 5 ml	4000	3290xg
BX-103185	Swinging-bucket rotor			
BX-103186	Swinging-bucket rotor- Buckets	4x50 ml	5000	4600xg
BX-103187	Swinging-bucket rotor- Buckets	4x100 ml	5000	4800xg
BX-103188	Swinging-bucket rotor- Buckets	8x50 ml	4000	2810xg
BX-103189	Swinging-bucket rotor- Buckets	32 x15 ml	4000	2810xg
BX-103190	Swinging-bucket rotor- Buckets	32 x10 ml	4000	2810xg
BX-103191	Swinging-bucket rotor- Buckets	48x5ml/2ml	4000	2940xg
BX-103192	Swinging-bucket Rotor	76x5ml/2ml	4000	3100xg
BX-103193	Swing Micro- Plate Rotor	2x2x96 holes	4000	2360xg

Accessory Code	Name	Description	Speed RPM	RCF _{xg}	For Models
BX-103177	Fixed Angle Rotor	12x10 ml	5500	4328xg	BCBLR-201
BX-103194	Fixed Angle Rotor	12x10 ml	6500	3920xg	BCBLR-202
BX-103195	Fixed Angle Rotor	12x10 ml	8000	5940xg	BCBLR-203

200 SERIES FLOOR TYPE LOWSPEED REFRIGERATED CENTRIFUGE



Microcomputer controlled programmable operation with push-button operation

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

Triple protective layers of steel bushings

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	BCFLR-201	BCFLR-202	BCFLR-203	BCFLR-204
Maximum Capacity (No of tubes x Vol.)	Swing bucket rotor 4x750 ml			6x500 ml
Temperature Range	-20°C to 40°C			
Temperature Accuracy	±1°C			
Maximum Speed RPM	5500	6500	8000	5000
Speed Increment	±50 rpm			
Maximum RCF	4800xg		5940xg	4390xg
Timer Range	0-99 h 59 min			
Overall Dimension	710x560x770 mm			740x620x900 mm
Program	20 user programs			
Control	Microcomputer			
Display	LCD			
Noise Level	≤65dB(A)			
Weight (Net/Gross)	150/210 kg			180/200 kg
Power	2000 W			
Power Supply	220V, 60Hz			

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}	For Models
BX-103254	Fixed Angle Rotor	12x 10 ml	5500	3580 _{xg}	BCFLR-201
BX-103272	Swinging-bucket Rotor- Adapter	48x10 ml	4000	3780 _{xg}	BCFLR-202
BX-103273	swing rotor plate				BCFLR-202
BX-103274	Fixed Angle Rotor	12x10 ml	6500	3920 _{xg}	BCFLR-202
BX-103275	Fixed Angle Rotor	12x10 ml	8000	5940 _{xg}	BCFLR-203
BX-103276	Swinging-bucket Rotor- Adapter		4000	3780 _{xg}	BCFLR-203
BX-103277	Swinging-bucket Rotor				BCFLR-203
BX-103278	Swinging-bucket Rotor	148x7 ml	4000	3780 _{xg}	BCFLR-204
BX-103279	Swinging-bucket Rotor	6x500 ml round bucket	3600	2980 _{xg}	BCFLR-204
BX-103280	Swinging-bucket Rotor	4x500 ml elliptic bucket	4000	3780 _{xg}	BCFLR-204
BX-103281	Swinging-bucket Rotor	4x250 ml	4000	3600 _{xg}	BCFLR-204
BX-103282	Swinging-bucket Rotor- Buckets	4x100ml	5000	4800 _{xg}	BCFLR-204
BX-103283	Swinging-bucket Rotor- Buckets	8x50ml	4000	2810 _{xg}	BCFLR-204
BX-103284	Swinging-bucket Rotor- Buckets	32x15ml	4000	2810 _{xg}	BCFLR-204
BX-103285	Swinging-bucket Rotor- Buckets	48x5ml/2ml	4000	2810 _{xg}	BCFLR-204
BX-103286	Swinging-bucket Rotor	76x5ml/2ml	4000	2810 _{xg}	BCFLR-204
BX-103287	Swing Micro-Plate Rotor	2x2x96	4000	2360 _{xg}	BCFLR-204

For Models : BCFLR-201, BCFLR-202, BCFLR-203

Accessory Code	Name	Description	Speed RPM	RCF _{xg}
BX-103255	Swinging-bucket Rotor	4x 750 ml	4000	3500 _{xg}
BX-103256	Swinging-bucket Rotor	4x 500 ml round	4000	3780 _{xg}
BX-103257	Swinging-bucket Rotor- Adapter	4x250/300 ml	4000	3780 _{xg}
BX-103258	Swinging-bucket Rotor- Adapter	4x100 ml	4000	3780 _{xg}
BX-103259	Swinging-bucket Rotor- Adapter	12x50 ml	4000	3780 _{xg}
BX-103260	Swinging-bucket Rotor- Adapter	32 x 15 ml	4000	3780 _{xg}
BX-103261	Swinging-bucket Rotor- Adapter	72 x 5 ml	4000	3780 _{xg}
BX-103262	Swinging-bucket Rotor	148x5ml/2 ml	4000	2900 _{xg}
BX-103263	Swinging-bucket Rotor	76x5ml/2 ml	4000	3100 _{xg}
BX-103264	Swinging-bucket Rotor	16x15 ml	5000	4500 _{xg}
BX-103265	Swinging-bucket Rotor- Buckets	4x100ml	5000	4800 _{xg}
BX-103266	Swinging-bucket Rotor- Buckets	8x50ml	4000	2810 _{xg}
BX-103267	Swinging-bucket Rotor- Buckets	24x10ml	4000	2810 _{xg}
BX-103268	Swinging-bucket Rotor- Buckets	32x15ml	4000	2810 _{xg}
BX-103269	Swinging-bucket Rotor- Buckets	32x10ml	4000	2810 _{xg}
BX-103270	Swinging-bucket Rotor- Buckets	48x5ml/2ml	4000	2950 _{xg}
BX-103271	Swing Micro-Plate Rotor	2x2x96 2x2x96 places	4000	2360 _{xg}

300 SERIES BENCHTOP LOW SPEED REFRIGERATED CENTRIFUGE



Microcomputer controlled programmable operation with push-button operation

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

Fully stainless steel structure and a stainless steel cavity make the machine safe and more efficient

Triple protective layers of steel bushings

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	BCBLR-301	BCBLR-302
Maximum Capacity (No of tubes x Vol.)	4x750 ml	
Temperature Range	-20°C to 40°C	
Temperature Accuracy	±1°C	
Maximum Speed RPM	5000	6500
Speed Increment	±20 rpm	
Maximum RCF	4390xg	4800xg
Timer Range	0-99 min	
Overall Dimension	830x750x480 mm	
Program	10 user programs	
Control	Microcomputer	
Display	LCD	
Noise Level	≤60dB(A)	
Weight (Net/Gross)	85/110 kg	
Power Supply	220V, 60Hz	

OPTIONAL ACCESSORIES

For Models : BCBLR-301

Accessory Code	Name	Description	Speed RPM	RCF _{xg}
BX-102857	Angle Rotor	12x10ml	6000	4500xg
BX-102858	Swing Rotor	6x300ml	4000	4390xg
BX-102859	Swing Rotor	60x7ml	4000	3600xg
BX-102860	Swing Rotor	42x10ml	4000	3500xg
BX-102861	Swing Rotor	148x5ml	4000	4100xg
BX-102862	Swing Rotor	4x500ml	4000	3500xg
BX-102863	Swing Rotor	32x15ml	4000	3500xg
BX-102864	Swing Rotor	16x50ml	4000	3500xg
BX-102865	Swing Rotor	4x100ml	5000	4390xg
BX-102866	Swing Rotor	8x50ml	4000	2810xg

BX-102867	Swing Rotor	72x5ml	4000	2800xg
BX-102868	Swing Rotor	48x7ml	4000	2800xg
BX-102869	Swing Microplates rotor	2x2x96 holes	4000	2300xg

For Models : BCBLR-302

Accessory Code	Name	Description	Speed RPM	RCF _{xg}
BX-102870	Angle Rotor	12x10ml	6000	4500xg
BX-102871	Swing Rotor	6x300ml	4000	4390xg
BX-102872	Swing Rotor	56x5ml	4000	3600xg
BX-102873	Swing Rotor	42x10ml	4000	3500xg
BX-102874	Swing Rotor	148x7ml	4000	4100xg
BX-102875	Swing Rotor	4x500ml	4000	3500xg
BX-102876	Swing Rotor	32x15ml	4000	3500xg
BX-102877	Swing Rotor	16x50ml	4000	3500xg
BX-102878	Swing Rotor	4x100ml	5000	4390xg
BX-102879	Swing Rotor	8x50ml	4000	2810xg
BX-102880	Swing Rotor	72x5ml	4000	2800xg
BX-102881	Swing Rotor	48x7ml	4000	2800xg
BX-102882	Swing Microplates rotor	2x2x96holes	4000	2300xg



BCBLR-301



BCBLR-302

300 SERIES FLOOR TYPE LOWSPEED REFRIGERATED CENTRIFUGE



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

Microcomputer controlled programmable operation with push-button operation

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

Variable frequency drive system and automatic control system ensures steady operation

Store 16 programs in centrifuge memory which are retained even after powering down the centrifuge

AV Motor of variable frequency and high torque ensures low maintenance, high efficiency and constant speed of rotation

Indication of ascending and declining curves of rotor, centrifugal integral curves and temperature curves

Four layers of shock absorbers with auto balancing function

Acceleration/Deceleration takes around 30 sec to 1 min

Special driver module ensures circuit reliability

High quality compressor allows temperature adjustment and achieves high-precision temperature controls and reduced noise

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	BCFLR-301	BCFLR-301-A	BCFLR-302
Maximum Capacity (No of tubes x Vol.)	6x1000 ml		6x1500 ml
Temperature Range	-20°C to 40°C		
Temperature Accuracy	±1°C		
Maximum Speed RPM	6000		7000
Speed Increment	±50 rpm		
Maximum RCF	6680xg		8620xg
Timer Range	0-99 h 59 min		
Overall Dimension	840x730x950 mm		
Program	16 user programs		
Control	Microcomputer		
Display	LCD		
Noise Level	≤65dB(A)		
Weight (Net/Gross)	270/290 kg		
Power	400 W		
Power Supply	220V, 50Hz		

Model	BCFLR-303	BCFLR-304
Maximum Capacity (No of tubes x Vol.)	6x1500 ml	6x1000 ml
Temperature Range	-20°C to 40°C	
Temperature Accuracy	±1°C	
Maximum Speed RPM	8000	10000
Speed Increment	±50 rpm	
Maximum RCF	11260xg	18300xg
Timer Range	0-99 h 59 min	
Overall Dimension	840x730x950 mm	
Program	16 user programs	
Control	Microcomputer	
Display	LCD	
Noise Level	≤65dB(A)	≤68dB(A)
Weight (Net/Gross)	270/290 kg	280/300 kg
Power	400 W	570 W
Power Supply	220V, 50Hz	

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}	For Models
BX-103288	Fixed Angle Rotor	6x500 ml	6000	6680xg	BCFLR-301
BX-103289	Swinging-bucket Rotor	6x1000 ml	4200	5100xg	BCFLR-301
BX-103290	Swinging-bucket Rotor	4x1000 ml	4000	4050xg	BCFLR-301
BX-103665	Angle rotor	6x500ml			BCFLR-301-A
BX-103666	Swing rotor	6x1000ml			BCFLR-301-A
BX-103667	Swing rotor	4x1000ml			BCFLR-301-A
BX-103291	Fixed Angle Rotor	6x500 ml	7000	8620xg	BCFLR-302

BX-103292	Swinging-bucket Rotor	4x1000 ml	4000	4050xg	BCFLR-302
BX-103293	Fixed Angle Rotor	6x500 ml	8000	11260xg	BCFLR-303
BX-103294	Swinging-bucket Rotor	4x1000 ml	4000	4050xg	BCFLR-303
BX-103295	Fixed Angle Rotor	6 x300 ml	10000	18300xg	BCFLR-304
BX-103296	Fixed Angle Rotor	6 x500 ml	8000	11800xg	BCFLR-304
BX-103297	Fixed Angle Rotor	6 x1000 ml	7000	11500xg	BCFLR-304
BX-103298	Swinging-bucket Rotor	6 x1000 ml	4200	5100xg	BCFLR-304

400 SERIES FLOOR TYPE LOW SPEED REFRIGERATED CENTRIFUGE



Microcomputer controlled and direct drive system ensures high stability

LCD widescreen with soft touch panel displays set and run conditions for easy monitoring

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

Store 35 programs in centrifuge memory which are retained even after powering down the centrifuge

High quality compressor allows temperature adjustment and achieves high-precision temperature controls and reduced noise

Fully stainless steel structure and aluminium alloy rotor for sustainable use

Refrigerant: CFC Free R404a

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, Automatic Lock Cover, over speed protection, over temperature protection

SPECIFICATIONS

Model	BCFLR-401	BCFLR-402	BCFLR-403
Maximum Capacity (No of tubes x Vol.)	6x2400 ml, 6x3x400ml	6x1000 ml	6x500 ml
Temperature Range	-20°C to 40°C		
Temperature Accuracy	±1°C		
Maximum Speed RPM	4600	5000	
Speed Increment	±50 rpm		
Maximum RCF	7060xg	5600xg	4390xg
Timer Range	0-23h 59min	0-9 h 59 min	0-99 min
Acceleration/ Deceleration	0~9 grade	-	-
Overall Dimension	960x860x1200 mm	730x840x1200 mm	740x620x780 mm
Program	35 user programs		
Control	Microcomputer		
Display	LCD		
Noise Level	≤65dB(A)		
Weight (Net/Gross)	500/580 kg	160/198 kg	
Power	3000 W	-	-
Power Supply	220V, 50Hz 35A	220V, 60Hz	

Model	BCFLR-404	BCFLR-405	BCFLR-406
Maximum Capacity (No of tubes x Vol.)	6x500 ml	6x1000 ml	
Temperature Range	-20°C to 40°C		
Temperature Accuracy	±1°C		
Maximum Speed RPM	6000	7000	
Speed Increment	±50 rpm		
Maximum RCF	6680xg		11500xg
Timer Range	0-99 min	0-99 h 59 min	0-23h 59min
Acceleration/ Deceleration	-	-	-
Overall Dimension	740x620x780 mm	730x840x1200 mm	
Program	35 user programs		
Control	Microcomputer		
Display	LCD		
Noise Level	≤65dB(A)		
Weight (Net/Gross)	160/198 kg	260 kg	280 kg
Power	-	2200 W	4000 W
Power Supply	220V, 50Hz 20A	220V, 50Hz 30A	220V, 50Hz 35A

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}	For Models
BX-102926	Swing Rotor	2x6x1000ml	4200	5900xg	BCFLR-401
BX-102927	Swing Rotor	6x2400ml	4000	7060xg	BCFLR-401
BX-102928	Swing Rotor	24x200ml	4200	5900xg	BCFLR-401
BX-102929	Angle Rotor	6x500ml	5000	5600xg	BCFLR-402
BX-102930	Swing Rotor	4x750ml	4200	4390xg	BCFLR-402
BX-102946	Angle Rotor	6x500ml	6000	6880xg	BCFLR-405
BX-102947	Swing Rotor	6x1000ml (round cup)	4200	5600xg	BCFLR-405
BX-102948	Angle Rotor	6x1000ml	7000	11500xg	BCFLR-406
BX-102949	Angle Rotor	6x500ml	8000	11620xg	BCFLR-406

For Models : BCFLR-403, BCFLR-404

Accessory Code	Name	Description	Speed RPM	RCF _{xg}
BX-102931	Angle Rotor	12x10/15ml	6000	6680xg
BX-102932	Swing Rotor	4x750ml	4000	4390xg
BX-102933	Swing Rotor	4x500ml	4000	3780xg
BX-102934	Swing Rotor	4x250ml	4000	3600xg
BX-102935	Swing Rotor	4x500ml (blood bag)	4000	3940xg
BX-102936	Swing Rotor	6x500ml	4000	3780xg
BX-102937	Swing Rotor	72x5ml	4000	3440xg
BX-102938	Swing Rotor	148/108x7ml	4000	3440xg
BX-102939	Swing Microplates rotor	2x2x96ml	4000	2200xg
BX-102940	Swing Rotor	8x50ml	4000	2810xg
BX-102941	Swing Rotor	32x10/15ml	4000	2810xg
BX-102942	Swing Rotor	16x15ml	4000	2810xg
BX-102943	Swing Rotor	4x100ml	5000	4390xg

BX-102944	Swing Rotor	80x5ml	4000	3360xg
BX-102945	Swing Rotor	8x100ml	4000	3360xg



BCFLR-401



BCFLR-404



BCFLR-405