

BLOOD BANK
REFRIGERATED
CENTRIFUGE



BLOOD BANK REFRIGERATED CENTRIFUGE

The Blood Bank refrigerated centrifuge range is useful for temperature sensitive samples. These are Microprocessor control based centrifuge with temperature controller, speed controller and LED display for better performance. Designed to meet the needs of users in wide range of field including blood banks, biochemistry, biological products and so on.

100 SERIES BLOOD BANK REFRIGERATED CENTRIFUGES



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

Imported compressors, fluorine-free, double cycle cooling, cold and hot alternating easily, environment pollution-free 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 parameters can be edited.

10 kinds of program stored in the memory, 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.

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

SPECIFICATIONS

Model	BBRC-101	BBRC-102	BBRC-103
Maximum Capacity (No of tubes x Vol.)	4x800 ml (4 blood bags)	3000 ml	
Temperature Range	-20~40°C		
Maximum Speed RPM	4000	22000	21000
Speed Accuracy	±20rpm	±30rpm	
Maximum RCF	3450xg	53000xg	50400xg
Timer Range	0~99 h 59min	0~23h 59min	
Overall Dimension	700Hx715Dx420H mm	710Lx820Wx1200H mm	
Noise Level	≤ 60 dB(A)	≤ 65 dB(A)	
Weight (Net/Gross)	125 kg	-	-
Power Supply	AC 220V 50Hz 15A	AC 220V 50Hz 30A	AC220V 50Hz 30A
Temperature Accuracy	-	±1°C	
Acceleration/ Deceleration	-	0~9	
The shortest Acceleration time	-	1min30s(0~22000rpm)	1min30s(0~21000 rpm)
The shortest Deceleration time	-	1min40s(22000 rpm~0)	1min40s(21000 rpm~0)
Packing Size	-	-	-

Model	BBRC-104	BBRC-105
Maximum Capacity (No of tubes x Vol.)	4x1000 ml (4 blood bags)	4x1000 ml
Temperature Range	-20~40°C	
Maximum Speed RPM	6000	5000
Speed Accuracy	±20rpm	±50rpm
Maximum RCF	6600xg	4100xg
Timer Range	1~9 h 59 min	1 - 99 min
Overall Dimension	800Hx675Dx830W mm	650Lx710Wx1100H mm
Noise Level	≤ 60 dB(A)	< 65 dB(A)
Weight (Net/Gross)	190 kg	170 kg
Power Supply	AC 220V 50Hz 20A	
Temperature Accuracy	±1°C	
Acceleration/ Deceleration	-	-
The shortest Acceleration time	-	-
The shortest Deceleration time	-	-
Packing Size	-	740Lx830Wx1300H mm

ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF xg	For Models
BX-103952	Rotor	4x800ml	4000 rpm	3450xg	BBRC-101
BX-103953	Swing Rotor	4x1000ml	4000 rpm	4060xg	BBRC-104

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF xg	For Models
BX-103959	Angle Rotor	12/16×10ml	21000 rpm	47400xg	BBRC-102, BBRC-103
BX-103960	Angle Rotor	6×50ml	20000 rpm	43000xg	BBRC-102, BBRC-103
BX-103961	Angle Rotor	8×50ml	18000 rpm	37600xg	BBRC-102, BBRC-103
BX-103962	Angle Rotor	6×70ml	15000 rpm	25500xg	BBRC-102, BBRC-103
BX-103963	Angle Rotor	4×300ml	14000 rpm	27610xg	BBRC-102, BBRC-103
BX-103964	Angle Rotor	6×250ml	14000 rpm	30200xg	BBRC-102, BBRC-103
BX-103965	Angle Rotor	8×100ml	12000 rpm	19800xg	BBRC-102, BBRC-103
BX-103966	Angle Rotor	6×300ml	12000 rpm	22470xg	BBRC-102, BBRC-103
BX-103967	Angle Rotor	6×500ml	10000 rpm	17800xg	BBRC-102, BBRC-103
BX-103968	Angle Rotor	4×1000ml	8000 rpm	12000xg	BBRC-102, BBRC-103
BX-103969	Swing Rotor	4×750ml	5000 rpm	5470xg	BBRC-102, BBRC-103
BX-103970	Swing Rotor	48×15/4×300	4500 rpm	4210xg	BBRC-102, BBRC-103
BX-103971	Continuous Centrifugal Rotor	1000ml	14000 rpm	21500xg	BBRC-102, BBRC-103
BX-103972	Continuous Centrifugal Rotor	1000ml	16000 rpm	28200xg	BBRC-102, BBRC-103
BX-103973	Continuous Centrifugal Rotor	3000ml	8000 rpm	9500xg	BBRC-102, BBRC-103
BX-103974	Continuous Centrifugal Rotor	3000ml	10000 rpm	14800xg	BBRC-102, BBRC-103
BX-103954	Angle Rotor	6x500ml	6000 rpm	6600xg	BBRC-104
BX-103463	Angle rotor	300mlx6	5000	3850xg	BBRC-105
BX-103464	Swing rotor	500mlx4	4000	4100xg	BBRC-105

BX-103465	Swing rotor	750mlx4	4000	4100xg	BBRC-105
BX-103466	Swing rotor	1000mlx4	4000	4100xg	BBRC-105
BX-103467	Swing rotor	10mlx148	4000	3780xg	BBRC-105



BBRC-101



BBRC-102



BBRC-104



BBRC-105

200 SERIES BLOOD BANK REFRIGERATED CENTRIFUGES



Micro-processor controlled.

19 levels of acceleration and 19 deceleration for your choice.

40 memories.

High-performance cooling of samples.

Imported compressor adopted (TECUMSEH EUROPE COMPRESSOR).

Vibration free design, low noise.

Imbalance switch off.

Emergency lid release.

Motor overheating protection.

Self trouble diagnosis system can detect speed, imbalance, door cover self-locking and many other kinds of fault automatically and shows fault code.

Ergonomic operating and information panel.

Factory supply, outstanding price to performance ratio.

LCD and LED display, permanent indication of preset and actual values.

Rotors are in aeronautical aluminum material or in stainless steel.

Rust-free stainless steel chamber and steel shell.

Maintenance-free induction drive motor (variable frequency motor) with a microcontroller controls speed.

Electronic door interlock for safe operation.

All rotors autoclavable, simple to operate.

Audible signal at the end of each run, reliable with a long service life.

SPECIFICATIONS

Model	BBRC-201	BBRC-202	BBRC-203
Maximum Capacity (No of tubes x Vol.)	6x1000 ml	6x1000 ml (6 blood bags)	6x1200 ml
Temperature Range	-20~40°C		
Temperature Accuracy	±1°C		
Maximum Speed RPM	6000		
Speed Accuracy	±10rpm	±20rpm	±50rpm
Maximum RCF	6680xg	6600xg	6680xg
Timer Range	0~99 h 59min / short spin	1~9 h 59 min	1~99 h 59 min
Overall Dimension	850Lx730Wx930H mm	800Hx740Dx930W mm	710Lx840Wx1200H mm
Noise Level	≤ 60 dB(A)		<65 dB(A)
Weight (Net/Gross)	260 kg		320 kg

Power Supply	AC 200-240V, 50/60Hz or AC 100-130V, 50/60Hz	AC 220V 50Hz 20A	AC 220V 50Hz 30A
Packing Size	-	-	890Lx960Wx1450H mm

Model	BBRC-204	BBRC-205
Maximum Capacity (No of tubes x Vol.)	6x2400 ml	6x2400 ml (12 blood bags)
Temperature Range	-20~40°C	
Temperature Accuracy	±1°C	
Maximum Speed RPM	8000	7000
Speed Accuracy	±50rpm	±20rpm
Maximum RCF	11260xg	11900xg
Timer Range	1~99 h 59 min	1~9 h 59 min
Overall Dimension	900Lx1000Wx1300H mm	940Hx890Dx1000W mm
Noise Level	<70 dB (A)	≤ 60 dB(A)
Weight (Net/Gross)	510 kg	560 kg
Power Supply	AC 380V 50Hz 40A	AC 380V 50Hz 35A
Packing Size	980Lx1100Wx1580H mm	-

ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}	For Models
BX-103955	Swing Rotor	6x1000ml	4200 rpm	5100xg	BBRC-202
BX-103958	Swing Rotor	6x2400ml	4000 rpm	5530xg	BBRC-205

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Speed RPM	RCF _{xg}	For Models
BX-103975	Angle Rotor	6x500ml	6000 rpm	6880xg	BBRC-201
BX-103976	Swing Bucket Rotor	6x1000ml	4200 rpm	5180xg	BBRC-201
BX-103977	Swing Bucket Rotor	4x1000ml	4200 rpm	5180xg	BBRC-201
BX-103956	Angle Rotor	6x500ml	6000 rpm	6600xg	BBRC-202
BX-103481	Angle rotor	500mlx6	6000	6680xg	BBRC-203
BX-103482	Swing rotor	1200mlx6	4200	5100xg	BBRC-203
BX-103496	Angle rotor	500mlx6	8000	11260xg	BBRC-204
BX-103497	Swing rotor	2000mlx6	4000	6260xg	BBRC-204
BX-103498	Swing rotor	2400mlx6	4000	6260xg	BBRC-204
BX-103957	Angle Rotor	6x1000ml	7000 rpm	11900xg	BBRC-205



Biolab Scientific Limited

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada

Email: contact@biolabscientific.com | Phone: +1 416 639 2438 | Website: www.biolabscientific.com