



# BLOOD BANK REFRIGERATED CENTRIFUGE BBRC-213

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FLOOR STANDING HIGH SPEED LARGE CAPACITY REFRIGERATED CENTRIFUGE



## SPECIFICATIONS

Model	BBRC-213
Swing-Bucket Rotors	
--Max. Capacity	4 x 750 ml
--Max. Speed	4 500 rpm with 4 x 750 ml rotor
--Max. RCF	4 530 Xg with 4 x 750 ml rotor
Control System	Microprocessor
Refrigeration System	CFC-Free
Rotor Identification	Auto-ID Instant, automatic
Rotor Locking System	Auto-Lock
Drive System	Direct, high-performance induction motor driving (Inverter Control)
Running Time	1 min - 99h:59 min, Pulse
Speed Accuracy	± 10 r/min
Programs	12 user-defined
Accel/Decel Profiles	40/40
Temp. Control Range	-20 °C to +40 °C in 1 °C increments
Temp. Accuracy	± 1 °C
Noise Level	≤ 65 dB(A) (depending on rotor)
Power Supply	AC 200-240 V, 50 Hz or AC 200-240 V, 60 Hz
Max. Power Consumption	4.5 KW
Safety Device	Rotor identification system with overspeed protection, imbalance protection, overcurrent protection, lid interlock system, lid open/close detection, steel housing, corrosion-resistant stainless steel centrifuge chamber, additional inner steel armored guard ring, steel lid, etc.
Dimension (W x D x H)	28.7 x 33.5 x 36.6 in / 73 x 85 x 93 cm
Weight w/o Rotor	573 lb / 260 kg
Alt Name	Floor Standing High Speed Large Capacity Refrigerated Centrifuge

## ACCESSORIES FOR PURCHASE

No	Name	Rotor Capacity (places x volume, ml)	Tube Size (Φ x L in mm)	Max Speed (rpm)	Max RCF (g)
1	No. 1 Fixed-Angle Rotor	6 x 50 ml (round) a)	Φ29 x 111	16 000 rpm	27 520 Xg

2	No. 2 Fixed-Angle Rotor	24 x 1.5/2.0 ml (with adapters for 0.2/0.5 ml tube)	Φ11 x 42	16 000 rpm	25 520 Xg
3	No. 3 Fixed-Angle Rotor	16 x 10 ml	Φ16 x 86	16 000 rpm	27 500 Xg
4	No. 4 Fixed-Angle Rotor	6 x 100 ml a)	Φ38 x 123	14 000 rpm	23 600 Xg
5	No. 5 Fixed-Angle Rotor	8 x 50 ml (round) a)	Φ29 x 111	14 000 rpm	23 270 Xg
6	No. 6 Fixed-Angle Rotor	6 x 250 ml a)	Φ61 x 136	10 000 rpm	16 750 Xg
7	No. 7 Fixed-Angle Rotor	6 x 500 ml a)	Φ74 x 170	8 000 rpm	11 860 Xg
8	No. 8-1 Swing-Bucket Rotor (Adapters for 4 x 750 ml Rotor, sets of 4 for each)	4 x 750 ml	Φ100 x 141		
9		4 x 500 ml	Φ80 x 137		
10		4 x 250 ml	Φ63 x 111		
11		4 x 175/225 ml Falcon conical bottle	Φ61 x 118/137		
12		12 x 100 ml	Φ38 x 114		
13		28 x 50 ml (conical)	Φ29 x 116		
14		28 x 50 ml (round)	Φ29 x 111		
15		28 x 30 ml	Φ25.5 x 100	4 500 rpm	4 530 Xg
16		28 x 25 ml (conical)	Φ29 x 78.5		
17		56 x 15 ml	Φ17 x 121		
18		72 x 10 ml	Φ16.5 x 86-110		
19		56 x 5 ml (conical)	Φ17 x 60		
20		96 x 1.5/2.0 ml	Φ11 x 42		
21		88 x 2.0 ml	Φ10.8 x 44		
22		96 x 0.5 ml	Φ8 x 30		
23		76 x 4-10 ml blood collection/urine tube	Φ16 x 75-100/Φ15 x 75-102		
24		96 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100		
25		148 x 5 ml Radio-immunity tube	Φ13 x 75-100		
26		4 x 30/50 ml Falcon Cell Culture Flasks or 4 x 30/50 ml Corning Cell Culture Flasks	-		
27		8 x 40 ml Nunc Cell Culture Flasks (T-25 cm <sup>2</sup> Cell Culture Flasks)	-		
28		4 x 160 ml Nunc Cell Culture Flasks (T-75 cm <sup>2</sup> Cell Culture Flasks)	-		
29		4 x 200 ml Falcon Cell Culture Flasks or 4 x 200 ml Greiner Cell Culture Flasks or 4 x 200 ml Nunc, Cell Culture Flasks	-		
30	No. 8-2 Swing-Bucket Rotor	4 x 500 ml Corning conical bottle	Φ96 x 147		



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2



3



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