



LABORATORY HIGH SPEED REFRIGERATED CENTRIFUGE BFD1BB1 (BCBLR-316)

LABORATORY HIGH SPEED REFRIGERATED CENTRIFUGE

BFD1BB1

FLOOR STANDING HIGH SPEED LARGE CAPACITY REFRIGERATED CENTRIFUGE



SPECIFICATIONS

Model	BFD1BB1
Old Model	BCBLR-316
Swing-Bucket Rotors	
--Max. Capacity	4 x 750 ml
--Max. Speed	4 000 rpm with 4 x 750 ml rotor
--Max. RCF	3 500 Xg with 4 x 750 ml rotor
Fixed-Angle Rotors	
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 - 99 h : 59 min, Pulse
Speed Accuracy	± 10 r/min
Programs	100 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	5.5 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 armoured 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 500 ml	Φ74 x 170	10,000 rpm	18,590 Xg
2	No.2 Fixed-Angle Rotor	6 x 1,000 ml	Φ97 x 166	8,000 rpm	15,190 Xg
3	No.3 Fixed-Angle Rotor	6 x 250 ml	Φ61 x 136	10,000 rpm	16,750 Xg
4	No.4-1 Swing-Bucket Rotor	4 x 750 ml	Φ100 x 141	4,000 rpm	3,500 Xg
5	No.4-1 Swing-Bucket Rotor	4 x 500 ml	Φ80 x 137	4,000 rpm	3,500 Xg
6	No.4-1 Swing-Bucket Rotor	4 x 250 ml	Φ63 x 111	4,000 rpm	3,500 Xg
7	No.4-1 Swing-Bucket Rotor	4 x 175/225 ml Falcon conical bottle	Φ61 x 118/137	4,000 rpm	3,500 Xg
8	No.4-1 Swing-Bucket Rotor	12 x 100 ml	Φ38 x 114	4,000 rpm	3,500 Xg
9	No.4-1 Swing-Bucket Rotor	28 x 50 ml (conical)	Φ29 x 116	4,000 rpm	3,500 Xg
10	No.4-1 Swing-Bucket Rotor	28 x 50 ml (round)	Φ29 x 111	4,000 rpm	3,500 Xg
11	No.4-1 Swing-Bucket Rotor	28 x 30 ml	Φ25.5 x 100	4,000 rpm	3,500 Xg
12	No.4-1 Swing-Bucket Rotor	28 x 25 ml (conical)	Φ29 x 78.5	4,000 rpm	3,500 Xg
13	No.4-1 Swing-Bucket Rotor	56 x 15 ml	Φ17 x 121	4,000 rpm	3,500 Xg
14	No.4-1 Swing-Bucket Rotor	72 x 10 ml	Φ16.5 x 86-110	4,000 rpm	3,500 Xg
15	No.4-1 Swing-Bucket Rotor	56 x 5 ml (conical)	Φ17 x 60	4,000 rpm	3,500 Xg
16	No.4-1 Swing-Bucket Rotor	96 x 1.5/2.0 ml	Φ11 x 42	4,000 rpm	3,500 Xg
17	No.4-1 Swing-Bucket Rotor	88 x 2.0 ml	Φ10.8 x 44	4,000 rpm	3,500 Xg
18	No.4-1 Swing-Bucket Rotor	96 x 0.5 ml	Φ8 x 30	4,000 rpm	3,500 Xg
19	No.4-1 Swing-Bucket Rotor	76 x 4-10 ml blood collection/urine tube	Φ16 x 75-100 / Φ15 x 75-102	4,000 rpm	3,500 Xg
20	No.4-1 Swing-Bucket Rotor	96 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4,000 rpm	3,500 Xg
21	No.4-1 Swing-Bucket Rotor	148 x 5 ml Radio-immunity tube	Φ13 x 75-100	4,000 rpm	3,500 Xg
22	No.4-1 Swing-Bucket Rotor	4 x 30/50 ml Falcon or Corning Cell Culture Flasks	-	4,000 rpm	3,500 Xg
23	No.4-1 Swing-Bucket Rotor	8 x 40 ml Nunc Cell Culture Flasks (T-25 cm ²)	-	4,000 rpm	3,500 Xg
24	No.4-1 Swing-Bucket Rotor	4 x 160 ml Nunc Cell Culture Flasks (T-75 cm ²)	-	4,000 rpm	3,500 Xg
25	No.4-1 Swing-Bucket Rotor	4 x 200 ml Falcon / Greiner / Nunc Cell Culture Flasks	-	4,000 rpm	3,500 Xg
26	No.4-2 Swing-Bucket Rotor	4 x 500 ml Corning conical bottle	Φ96 x 147	4,000 rpm	3,500 Xg



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com