



LABORATORY HIGH SPEED REFRIGERATED CENTRIFUGE BFD1R1 (BCBLR-306)

LABORATORY HIGH SPEED REFRIGERATED CENTRIFUGE

BFD1R1

BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE



SPECIFICATIONS

Model	BFD1R1
Old Model	BCBLR-306
Swing-Bucket Rotors	
--Max. Capacity	2 x 2 pcs microplates
--Max. Speed	4 000 rpm with 2 x 2 pcs microplates rotor
--Max. RCF	1 500 Xg with 2 x 2 pcs microplates rotor
Fixed-Angle Rotors	
Control System	Microprocessor
Refrigeration System	CFC-Free
Drive System	Direct, induction motor drive (Inverter Control)
Display	Full color touchscreen interface
Rotor Identification	Auto-ID Instant, immediately upon rotor insertion
Programmability	via easy access touchscreen menu
Program Storage	1 000 user-defined
Running Time	1 s - 99 h : 59 min : 59 s, Short
Timer	Count up or down
Speed Accuracy	± 10 r/min
Accel/Decel Profiles	40/40
Temp. Control Range	-20 °C to +40 °C
Temp. Accuracy	± 1°C
Noise Level	≤ 56 dB(A)
Power Supply	AC 200-240 V, 50/60 Hz or AC 100-127 V, 50/60 Hz
Max. Power Consumption	1.2 KW
Dimension (W x D x H)	16.5 x 20.5 x 14.2 in / 42 x 52 x 36 cm
Weight w/o Rotor	132 lb / 60 kg
Alt Name	Benchtop High Speed 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	12 x 1.5/2.0 ml (with adapters for 0.2/0.5 ml tube)	Φ11 x 42	16,500 rpm	19,000 Xg

2	No.2 Fixed-Angle Rotor	12 x 5 ml	Φ14 x 54	16,000 rpm	20,780 Xg
3	No.3-1 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	24,790 Xg
4	No.3-2 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	24,790 Xg
5	No.4-1 Fixed-Angle Rotor	12 x 10 ml	Φ16 x 86	14,000 rpm	18,120 Xg
6	No.4-2 Fixed-Angle Rotor	36 x 1.5/2.0 ml (with adapters for 0.2/0.5 ml tube)	Φ11 x 42	14,000 rpm	18,960 Xg
7	No.5-1 Fixed-Angle Rotor	6 x 50 ml (conical)	Φ29 x 116	12,000 rpm	15,700 Xg
8	No.5-2 Fixed-Angle Rotor	48 x 1.5/2.0 ml (with adapters for 0.2/0.5 ml tube)	Φ11 x 42	12,000 rpm	15,780 Xg
9	No.5-3 Fixed-Angle Rotor	6 x 50 ml (round)	Φ29 x 111	12,000 rpm	15,700 Xg
10	No.6-1 Fixed-Angle Rotor	4 x 100 ml	Φ38 x 123	11,000 rpm	13,350 Xg
11	No.6-2 Fixed-Angle Rotor	8 x 50 ml (conical)	Φ29 x 116	11,000 rpm	14,030 Xg
12	No.6-3 Fixed-Angle Rotor	12 x 15 ml	Φ17 x 121	11,000 rpm	13,360 Xg
13	No.6-4 Fixed-Angle Rotor	8 x 50 ml (round)	Φ29 x 111	11,000 rpm	13,350 Xg
14	No.6-5 Fixed-Angle Rotor	24 x 10 ml	Φ16 x 86	11,000 rpm	13,350 Xg
15	No.7 Fixed-Angle Rotor	6 x 10 ml	Φ16 x 86	16,000 rpm	18,980 Xg
16	No.8-1 Fixed-Angle Rotor	8 x 15 ml	Φ17 x 121	14,000 rpm	17,310 Xg
17	No.8-2 Fixed-Angle Rotor	6 x 30 ml	Φ25.5 x 100	14,000 rpm	18,450 Xg
18	No.9 Fixed-Angle Rotor	8 x PCR-Strips	-	13,000 rpm	14,640 Xg
19	No.10 Fixed-Angle Rotor	6 x 100 ml	Φ38 x 123	9,000 rpm	9,770 Xg
20	No.11 Fixed-Angle Rotor	24 x 2.0 ml Cryo tube	Φ11.5 x 45	15,000 rpm	23,400 Xg
21	No.12 Swing-Bucket Rotor	2 x 2 pcs microplates (48 wells)	Load dimensions (WxDxH) up to 128x48x60 mm	4,000 rpm	1,500 Xg



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