



LABORATORY HIGH SPEED REFRIGERATED CENTRIFUGE BFD1BA1 (BCBLR-315)

LABORATORY HIGH SPEED REFRIGERATED CENTRIFUGE

BFD1BA1

FLOOR STANDING HIGH SPEED LARGE CAPACITY REFRIGERATED CENTRIFUGE



SPECIFICATIONS

Model	BFD1BA1
Old Model	BCBLR-315
Swing-Bucket Rotors	
--Max. Capacity	4 x 50 ml
--Max. Speed	13 000 rpm with 4 x 30 ml rotor
--Max. RCF	23 800 Xg with 4 x 30 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	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	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	16 x 10 ml	$\Phi 16$ x 86	21,000 rpm	47,400 Xg
2	No.2 Fixed-Angle Rotor	24 x 1.5/2.0 ml (with adapters for 0.2/0.5 ml tube)	$\Phi 11$ x 42	21,000 rpm	43,960 Xg
3	No.3 Fixed-Angle Rotor	6 x 50 ml (round)	$\Phi 29$ x 111	20,000 rpm	44,800 Xg
4	No.4 Fixed-Angle Rotor	8 x 50 ml (round)	$\Phi 29$ x 111	18,000 rpm	38,460 Xg
5	No.5 Fixed-Angle Rotor	6 x 100 ml	$\Phi 38$ x 123	16,000 rpm	30,910 Xg
6	No.6 Fixed-Angle Rotor	8 x 100 ml	$\Phi 38$ x 123	12,000 rpm	19,830 Xg
7	No.7 Fixed-Angle Rotor	4 x 250 ml	$\Phi 61$ x 136	14,000 rpm	28,150 Xg
8	No.8 Fixed-Angle Rotor	6 x 250 ml	$\Phi 61$ x 136	12,000 rpm	24,110 Xg
9	No.9 Fixed-Angle Rotor	6 x 500 ml	$\Phi 74$ x 170	10,000 rpm	18,590 Xg
10	No.10 Fixed-Angle Rotor	4 x 1,000 ml	$\Phi 97$ x 166	8,000 rpm	12,040 Xg
11	No.11 Swing-Bucket Rotor	4 x 50 ml	$\Phi 29$ x 111	10,000 rpm	16,200 Xg
12	No.12 Swing-Bucket Rotor	4 x 30 ml	$\Phi 25.5$ x 90	13,000 rpm	23,800 Xg
13	No.13 Swing-Bucket Rotor	4 x 4 x 5 ml	$\Phi 14$ x 54	12,000 rpm	11,900 Xg



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