



LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE BFD1Y1 (BCBLR-313)

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BFD1Y1

FLOOR STANDING LOW SPEED LARGE CAPACITY REFRIGERATED CENTRIFUGE



SPECIFICATIONS

Model	BFD1Y1
Old Model	BCBLR-313
Swing-Bucket Rotors	
--Max. Capacity	4 x 1000 ml or 4 blood bags
--Max. Speed	5 000 rpm
--Max. RCF	6 319 Xg
Fixed-Angle Rotors	
Control System	Microprocessor
Refrigeration System	CFC-Free
Drive System	Direct, induction motor drive (Inverter Control)
Display	Full color touchscreen interface
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	≤ 60 dB(A)
Power Supply	AC 200-240 V, 50 Hz or AC 200-240 V, 60 Hz
Max. Power Consumption	3 KW
Dimension (W x D x H)	31.5 x 27.6 x 32.7 in / 80 x 70 x 83 cm
Weight w/o Rotor	397 lb / 180 kg
Alt Name	Floor Standing Low 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)
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1	No.1 Fixed-Angle Rotor	6 x 500 ml	Φ74 x 170	6,000 rpm	6,693 Xg
2	No.2 Swing-Bucket Rotor	4 x 1000 ml	Φ100 x 175	5,000 rpm	6,319 Xg
3	No.2 Swing-Bucket Rotor	4 x 750 ml	Φ100 x 141	5,000 rpm	6,319 Xg
4	No.2 Swing-Bucket Rotor	4 x 500 ml	Φ80 x 137	5,000 rpm	6,319 Xg
5	No.2 Swing-Bucket Rotor	4 x 500 ml conical	Φ29 x 116	5,000 rpm	6,319 Xg
6	No.2 Swing-Bucket Rotor	4 x 250 ml	Φ63 x 111	5,000 rpm	6,319 Xg
7	No.2 Swing-Bucket Rotor	4 x 250 ml Corning conical bottle	Φ60 x 164	5,000 rpm	6,319 Xg
8	No.2 Swing-Bucket Rotor	4 x 175/225 ml Falcon conical bottle	Φ61 x 118/137	5,000 rpm	6,319 Xg
9	No.2 Swing-Bucket Rotor	12 x 100 ml	Φ38 x 114	5,000 rpm	6,319 Xg
10	No.2 Swing-Bucket Rotor	20 x 50 ml conical	Φ29 x 116	5,000 rpm	6,319 Xg
11	No.2 Swing-Bucket Rotor	20 x 50 ml round	Φ29 x 111	5,000 rpm	6,319 Xg
12	No.2 Swing-Bucket Rotor	20 x 30 ml	Φ25.5 x 100	5,000 rpm	6,319 Xg
13	No.2 Swing-Bucket Rotor	56 x 15 ml	Φ17 x 121	5,000 rpm	6,319 Xg
14	No.2 Swing-Bucket Rotor	72 x 10 ml	Φ16.5 x 86-110	5,000 rpm	6,319 Xg
15	No.2 Swing-Bucket Rotor	56 x 5 ml conical	Φ17 x 60	5,000 rpm	6,319 Xg
16	No.2 Swing-Bucket Rotor	96 x 1.5/2.0 ml	Φ11 x 42	5,000 rpm	6,319 Xg
17	No.2 Swing-Bucket Rotor	88 x 2.0 ml	Φ10.8 x 44	5,000 rpm	6,319 Xg
18	No.2 Swing-Bucket Rotor	96 x 0.5 ml	Φ8 x 30	5,000 rpm	6,319 Xg
19	No.2 Swing-Bucket Rotor	40 x 10 ml virus sampling tube	Φ16 x 97-101	5,000 rpm	6,319 Xg
20	No.2 Swing-Bucket Rotor	76 x 4-10 ml blood collection/urine tube	Φ16 x 75-100 / Φ15 x 75-102	5,000 rpm	6,319 Xg
21	No.2 Swing-Bucket Rotor	96 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	5,000 rpm	6,319 Xg
22	No.2 Swing-Bucket Rotor	4 x blood bags (various types)	-	5,000 rpm	6,319 Xg
23	No.2 Swing-Bucket Rotor	40 x 50 ml	Φ29 x 111-116	5,000 rpm	6,319 Xg
24	No.3 Swing-Bucket Rotor	6 x 500 ml	Φ80 x 137	5,000 rpm	6,121 Xg
25	No.3 Swing-Bucket Rotor	6 x 250 ml	Φ63 x 111	5,000 rpm	6,121 Xg
26	No.3 Swing-Bucket Rotor	6 x 100 ml	Φ38 x 114	5,000 rpm	6,121 Xg
27	No.3 Swing-Bucket Rotor	18 x 50 ml conical	Φ29 x 116	5,000 rpm	6,121 Xg
28	No.3 Swing-Bucket Rotor	18 x 50 ml round	Φ29 x 111	5,000 rpm	6,121 Xg

29	No.3 Swing-Bucket Rotor	18 x 30 ml	Φ25.5 x 100	5,000 rpm	6,121 Xg
30	No.3 Swing-Bucket Rotor	54 x 15 ml	Φ17 x 121	5,000 rpm	6,121 Xg
31	No.3 Swing-Bucket Rotor	84 x 10 ml	Φ16.5 x 86-110	5,000 rpm	6,121 Xg
32	No.3 Swing-Bucket Rotor	54 x 5 ml conical	Φ17 x 60	5,000 rpm	6,121 Xg
33	No.3 Swing-Bucket Rotor	90 x 1.5/2.0 ml	Φ11 x 42	5,000 rpm	6,121 Xg
34	No.3 Swing-Bucket Rotor	90 x 2.0 ml	Φ10.8 x 44	5,000 rpm	6,121 Xg
35	No.3 Swing-Bucket Rotor	108 x 0.5 ml	Φ8 x 30	5,000 rpm	6,121 Xg
36	No.3 Swing-Bucket Rotor	6 x 175/225 ml Falcon conical bottle	Φ61 x 118/137	5,000 rpm	6,121 Xg



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