



LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE BFD1J1 (BCBHR-313)

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE BFD1J1

BENCHTOP LOW SPEED REFRIGERATED CENTRIFUGE



SPECIFICATIONS

Model	BFD1J1
Old Model	BCBHR-313
Swing-Bucket Rotors	
--Max. Capacity	4 x 250 ml
--Max. Speed	5 000 rpm with 4 x 50 ml rotor / 4 x 100 ml rotor
--Max. RCF	4 650 Xg with 4 x 50 ml rotor / 4 x 100 ml rotor
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	≤ 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)	25.2 x 22 x 15.4 in / 64 x 56 x 39 cm
Weight w/o Rotor	176 lb / 80 kg
Alt Name	Benchtop Low 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 Swing-out Rotor	Rotor Cross (order tube racks separately)	-	-	-
2		4 x 50 ml Tube Racks (set of 4 for each)	Φ29 x 111-116	5 000 rpm	4 650 Xg
3		4 x 100 ml Tube Racks (set of 4 for each)	Φ38 x 114	5 000 rpm	4 650 Xg
4	No. 2 Swing-out Rotor	Rotor Cross (order tube racks separately)	-	-	-

5		8 x 50 ml Tube Racks (set of 4 for each)	Φ29 x 111-116	4 000 rpm	2 980 Xg
6		8 x 100 ml	Φ38 x 114	4 000 rpm	2 980 Xg
7		24 x 10 ml	Φ16.5 x 86-110	4 000 rpm	2 980 Xg
8		24 x 15 ml	Φ17 x 121	4 000 rpm	2 980 Xg
9		32 x 15 ml	Φ17 x 121	4 000 rpm	2 980 Xg
10	No. 3-1 Swing-Bucket Rotor	Rotor Cross (order buckets, adapters separately)	-	-	-
11		4 x 250 ml Round Buckets (set of 4)	Φ63 x 111	4 000 rpm	2 980 Xg
12		4 x 100 ml	Φ38 x 114		
13		4 x 50 ml	Φ29 x 111-116		
14		8 x 50 ml (conical)	Φ29 x 116		
15		8 x 50 ml (round)	Φ29 x 111		
16		8 x 30 ml	Φ25.5 x 100		
17		20 x 15 ml	Φ17 x 121		
18		36 x 10 ml	Φ16.5 x 86-110		
19		20 x 5 ml (conical)	Φ17 x 60		
20		32 x 1.5/2.0 ml	Φ11 x 42		
21		32 x 2.0 ml	Φ10.8 x 44		
22		40 x 0.5 ml	Φ8 x 30		
23		20 x 10 ml virus sampling tube	Φ16 x 97-101		
24		28 x 4-10 ml blood collection/urine tube	Φ16 x 75-100/Φ15 x 75-102		
25		40 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100		
26		4 x 175/225 ml Falcon conical bottle	Φ61 x 118/137		
27	No. 3-2 Swing-Bucket Rotor	36 x 4-10 ml blood collection/urine tube	Φ16 x 75-100/Φ15 x 75-102	4 000 rpm	3 100 Xg
28	No. 3-3 Swing-Bucket Rotor	48 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4 000 rpm	3 100 Xg
29	No. 3-4 Swing-Bucket Rotor	64 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4 000 rpm	3 100 Xg
30	No. 4 Swing-Bucket Rotor	2 x 3 pcs microplates (96 wells) or 2 x 3 pcs microtiter plates or 2 x 2 pcs cell culture plates or 2 x 1 pc deep well plates	Load dimensions (WxDxH) up to 128x87x60 mm	4 000 rpm	1 970 Xg
31	No. 5-1 Fixed-Angle Rotor	12 x 15 ml	Φ17 x 121	6 000 rpm	5 120 Xg
32	No. 5-2 Fixed-Angle Rotor	6 x 50 ml	Φ29 x 111-116	6 000 rpm	5 120 Xg



2



6



9



11



13



14



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30



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