



## LABORATORY HIGH SPEED REFRIGERATED CENTRIFUGE BCBLR-324

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## BCBLR-324

BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE



## SPECIFICATIONS

Model	BCBLR-324
Swing-Bucket Rotors	
--Max. Capacity	4 x 750 ml
--Max. Speed	4 500 rpm with 4 x 250 ml rotor
--Max. RCF	3 720 Xg with 4 x 250 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
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
Max. Power Consumption	1.5 KW
Dimension (W x D x H)	26.8 x 23.6 x 16.5 in / 68 x 60 x 42 cm
Weight w/o Rotor	234 lb / 106 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 (xg)
1	No. 1 Fixed-Angle Rotor	12 x 1.5/2.0 ml (adapters for 0.2/0.5 ml)	Φ11 x 42	23,000	36,960
2	No. 2 Fixed-Angle Rotor	12 x 5 ml	Φ14 x 54	18,000	26,260

3	No. 3-1 Fixed-Angle Rotor	24 x 1.5/2.0 ml (adapters for 0.2/0.5 ml)	Φ11 x 42	16,500	26,360
4	No. 3-2 Fixed-Angle Rotor	24 x 1.5/2.0 ml (adapters for 0.2/0.5 ml)	Φ11 x 42	18,000	31,370
5	No. 4-1 Fixed-Angle Rotor	12 x 10 ml	Φ16 x 86	15,500	22,100
6	No. 4-2 Fixed-Angle Rotor	36 x 1.5/2.0 ml (adapters for 0.2/0.5 ml)	Φ11 x 42	15,000	21,760
7	No. 5-1 Fixed-Angle Rotor	6 x 50 ml (conical)	Φ29 x 116	13,000	18,420
8	No. 5-2 Fixed-Angle Rotor	48 x 1.5/2.0 ml (adapters for 0.2/0.5 ml)	Φ11 x 42	13,000	18,515
9	No. 5-3 Fixed-Angle Rotor	6 x 50 ml (round)	Φ29 x 111	13,500	19,865
10	No. 6-1 Fixed-Angle Rotor	4 x 100 ml	Φ38 x 123	12,000	17,900
11	No. 6-2 Fixed-Angle Rotor	8 x 50 ml (conical)	Φ29 x 116	12,000	16,695
12	No. 6-3 Fixed-Angle Rotor	12 x 15 ml	Φ17 x 121	13,000	18,650
13	No. 6-4 Fixed-Angle Rotor	8 x 50 ml (round)	Φ29 x 111	12,000	15,890
14	No. 6-5 Fixed-Angle Rotor	24 x 10 ml	Φ16 x 86	11,000	13,350
15	No. 7 Swing-Bucket Rotor	Plates (microplates/cell culture/deep well)	up to 128x87x60	4,000	1,970
16	No. 8 Swing-Bucket Rotor	250 ml round & conical buckets; multiple adapter sets		4,500	3,720
17	No. 9-1 Swing-Bucket Rotor	500 ml round buckets & adapters		4,200	3,550
18	No. 9-2 Swing-Bucket Rotor	Plate buckets; 4x250 ml conical/Nunc bottles	plates up to 128x87x60	-	-
19	No. 10 Swing-Bucket Rotor (accessory list page)	Multiple capacities up to 4x750 ml		-	-
20	No. 10-1 Swing-Bucket Rotor	96 x 0.5 ml	Φ8 x 30	4000	3500
21	No. 10-1 Swing-Bucket Rotor	76 x 4-10 ml blood collection/urine tube	Φ16 x 75-100/Φ15 x 75-102	4000	3500
22	No. 10-1 Swing-Bucket Rotor	96 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4000	3500
23	No. 10-1 Swing-Bucket Rotor	148 x 5 ml Radio-immunity tube	Φ13 x 75-100	4000	3500
24	No. 10-2 Swing-Bucket Rotor	4 x 500 ml Corning conical bottle	Φ96 x 147	-	-
25	No. 11 Fixed-Angle Rotor	6 x 100 ml	Φ38 x 123	10,000	12,060
26	No. 12 Fixed-Angle Rotor	8 x 15 ml	Φ17 x 121	14,500	18,570
27	No. 13 Fixed-Angle Rotor	12 x 50 ml (conical)	Φ29 x 116	10,000	14,310





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