



LABORATORY HIGH SPEED REFRIGERATED CENTRIFUGE BCBLR-310

LABORATORY HIGH SPEED REFRIGERATED CENTRIFUGE

BCBLR-310

BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE



SPECIFICATIONS

Model	BCBLR-310
Max. Capacity	6 x 100 ml
Max. Speed	22 000 rpm with 12 x 1.5/2.0 ml
Max. RCF	33 820 Xg with 12 x 1.5/2.0 ml
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	≤ 57 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	22,000 rpm	33,820 Xg
2	No.2 Fixed-Angle Rotor	12 x 5 ml	Φ14 x 54	17,000 rpm	23,460 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	18,000 rpm	31,370 Xg
5	No.4-1 Fixed-Angle Rotor	12 x 10 ml	Φ16 x 86	15,000 rpm	20,800 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	15,000 rpm	21,760 Xg
7	No.5-1 Fixed-Angle Rotor	6 x 50 ml (conical)	Φ29 x 116	13,000 rpm	18,420 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	13,000 rpm	18,420 Xg
9	No.5-3 Fixed-Angle Rotor	6 x 50 ml (round)	Φ29 x 111	13,000 rpm	18,420 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	12,500 rpm	17,420 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	10,000 rpm	12,060 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



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com