



LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE BCBLR-312

LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE

BCBLR-312

BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE



SPECIFICATIONS

Model	BCBLR-312
Max. Speed	5 000 rpm with 4 x 250 ml rotor / 4 x 50 ml rotor / 4 x 100 ml rotor
Max. RCF	5 200 Xg with 4 x 250 ml rotor
Max. Capacity	4 x 750 ml (4 000 rpm)
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	1.5 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 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	4 x 50 ml	Φ29 x 111-116	5,000 rpm	4,650 Xg
2	No.1 Swing-out Rotor	4 x 100 ml	Φ38 x 114	5,000 rpm	4,650 Xg
3	No.2-1 Swing-out Rotor	8 x 50 ml	Φ29 x 111-116	4,000 rpm	2,980 Xg
4	No.2-1 Swing-out Rotor	8 x 100 ml	Φ38 x 114	4,000 rpm	2,980 Xg
5	No.2-1 Swing-out Rotor	24 x 10 ml	Φ16.5 x 86-110	4,000 rpm	2,980 Xg
6	No.2-1 Swing-out Rotor	24 x 15 ml	Φ17 x 121	4,000 rpm	2,980 Xg

7	No.2-1 Swing-out Rotor	32 x 10 ml	Φ16.5 x 86-110	4,000 rpm	2,980 Xg
8	No.2-1 Swing-out Rotor	32 x 15 ml	Φ17 x 121	4,000 rpm	2,980 Xg
9	No.2-2 Swing-Bucket Rotor	4 x 175/225 ml Falcon conical bottle	Φ61 x 118/137	4,000 rpm	2,980 Xg
10	No.2-3 Swing-Bucket Rotor	36 x 4-10 ml blood collection tube	Φ16 x 75-100/Φ15 x 75-102	4,000 rpm	3,300 Xg
11	No.2-4 Swing-Bucket Rotor	48 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4,000 rpm	3,300 Xg
12	No.2-5 Swing-Bucket Rotor	64 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4,000 rpm	3,300 Xg
13	No.3 Swing-Bucket Rotor	4 x 250 ml	Φ63 x 111	5,000 rpm	5,200 Xg
14	No.3 Swing-Bucket Rotor	4 x 100 ml	Φ38 x 114	5,000 rpm	5,200 Xg
15	No.3 Swing-Bucket Rotor	4 x 50 ml	Φ29 x 111-116	5,000 rpm	5,200 Xg
16	No.3 Swing-Bucket Rotor	8 x 50 ml conical	Φ29 x 116	5,000 rpm	5,200 Xg
17	No.3 Swing-Bucket Rotor	8 x 50 ml round	Φ29 x 111	5,000 rpm	5,200 Xg
18	No.3 Swing-Bucket Rotor	8 x 30 ml	Φ25.5 x 100	5,000 rpm	5,200 Xg
19	No.3 Swing-Bucket Rotor	20 x 15 ml	Φ17 x 121	5,000 rpm	5,200 Xg
20	No.3 Swing-Bucket Rotor	36 x 10 ml	Φ16.5 x 86-110	5,000 rpm	5,200 Xg
21	No.3 Swing-Bucket Rotor	20 x 5 ml conical	Φ17 x 60	5,000 rpm	5,200 Xg
22	No.3 Swing-Bucket Rotor	32 x 1.5/2.0 ml	Φ11 x 42	5,000 rpm	5,200 Xg
23	No.3 Swing-Bucket Rotor	32 x 2.0 ml	Φ10.8 x 44	5,000 rpm	5,200 Xg
24	No.3 Swing-Bucket Rotor	40 x 0.5 ml	Φ8 x 30	5,000 rpm	5,200 Xg
25	No.3 Swing-Bucket Rotor	20 x 10 ml virus sampling tube	Φ16 x 97-101	5,000 rpm	5,200 Xg
26	No.3 Swing-Bucket Rotor	28 x 4-10 ml blood collection/urine tube	Φ16 x 75-100/Φ15 x 75-102	5,000 rpm	5,200 Xg
27	No.3 Swing-Bucket Rotor	40 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	5,000 rpm	5,200 Xg
28	No.3 Swing-Bucket Rotor	32 x 15 ml	Φ17 x 121	5,000 rpm	5,200 Xg
29	No.4 Swing-Bucket Rotor	2 x 3 pcs microplates (96 wells) / 2 x 3 pcs microtiter plates / 2 x 2 pcs cell culture plates / 2 x 1 pc deep well plates	Load dimensions (WxDxH) up to 128x87x60 mm	4,000 rpm	1,970 Xg
30	No.5-1 Swing-Bucket Rotor	4 x 500 ml	Φ80 x 137	4,200 rpm	3,550 Xg
31	No.5-1 Swing-Bucket Rotor	4 x 250 ml	Φ63 x 111	4,200 rpm	3,550 Xg
32	No.5-1 Swing-Bucket Rotor	4 x 100 ml	Φ38 x 114	4,200 rpm	3,550 Xg
33	No.5-1 Swing-Bucket Rotor	16 x 50 ml conical	Φ29 x 116	4,200 rpm	3,550 Xg
34	No.5-1 Swing-Bucket Rotor	16 x 50 ml round	Φ29 x 111	4,200 rpm	3,550 Xg
35	No.5-1 Swing-Bucket Rotor	16 x 30 ml	Φ25.5 x 100	4,200 rpm	3,550 Xg
36	No.5-1 Swing-Bucket Rotor	36 x 15 ml	Φ17 x 121	4,200 rpm	3,550 Xg
37	No.5-1 Swing-Bucket Rotor	36 x 10 ml	Φ16.5 x 86-110	4,200 rpm	3,550 Xg
38	No.5-1 Swing-Bucket Rotor	36 x 5 ml conical	Φ17 x 60	4,200 rpm	3,550 Xg
39	No.5-1 Swing-Bucket Rotor	80 x 1.5/2.0 ml	Φ11 x 42	4,200 rpm	3,550 Xg
40	No.5-1 Swing-Bucket Rotor	60 x 2.0 ml	Φ10.8 x 44	4,200 rpm	3,550 Xg
41	No.5-1 Swing-Bucket Rotor	80 x 0.5 ml	Φ8 x 30	4,200 rpm	3,550 Xg
42	No.5-1 Swing-Bucket Rotor	36 x 10 ml virus sampling tube	Φ16 x 97-101	4,200 rpm	3,550 Xg
43	No.5-1 Swing-Bucket Rotor	56 x 4-10 ml blood collection/urine tube	Φ16 x 75-100/Φ15 x 75-102	4,200 rpm	3,550 Xg
44	No.5-1 Swing-Bucket Rotor	72 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4,200 rpm	3,550 Xg
45	No.5-1 Swing-Bucket Rotor	4 x 175/225 ml Falcon conical bottle	Φ61 x 118/137	4,200 rpm	3,550 Xg

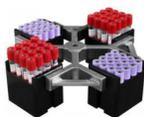
46	No.5-2 Swing-Bucket Rotor	4 x 250 ml Corning conical bottle / 4 x 200 ml Nunc bottle	Φ60 x 164	4,200 rpm	3,550 Xg
47	No. 6-1 Swing-Bucket Rotor	4 x 750 ml			
48	No.6-2 Swing-Bucket Rotor	4 x 500 ml Corning conical bottle	Φ96 x 147	4,000 rpm	3,500 Xg
49	No.7 Swing-Bucket Rotor	6 x 250 ml	Φ63 x 111	4,000 rpm	3,580 Xg
50	No.7 Swing-Bucket Rotor	6 x 100 ml	Φ38 x 114	4,000 rpm	3,580 Xg
51	No.7 Swing-Bucket Rotor	6 x 50 ml	Φ29 x 111-116	4,000 rpm	3,580 Xg
52	No.7 Swing-Bucket Rotor	12 x 50 ml (conical)	Φ29 x 116	4,000 rpm	3,580 Xg
53	No.7 Swing-Bucket Rotor	12 x 50 ml (round)	Φ29 x 111	4,000 rpm	3,580 Xg
54	No.7 Swing-Bucket Rotor	12 x 30 ml	Φ25.5 x 100	4,000 rpm	3,580 Xg
55	No.7 Swing-Bucket Rotor	54 x 10 ml	Φ16.5 x 86-110	4,000 rpm	3,580 Xg
56	No.7 Swing-Bucket Rotor	30 x 5 ml (conical)	Φ17 x 60	4,000 rpm	3,580 Xg
57	No.7 Swing-Bucket Rotor	48 x 1.5/2.0 ml	Φ11 x 42	4,000 rpm	3,580 Xg
58	No.7 Swing-Bucket Rotor	48 x 2.0 ml	Φ10.8 x 44	4,000 rpm	3,580 Xg
59	No.7 Swing-Bucket Rotor	96 x 0.5 ml	Φ8 x 30	4,000 rpm	3,580 Xg
60	No.7 Swing-Bucket Rotor	30 x 10 ml virus sampling tube	Φ16 x 97-101	4,000 rpm	3,580 Xg
61	No.7 Swing-Bucket Rotor	42 x 4-10 ml blood collection/urine tube	Φ16 x 75-100 / Φ15 x 75-102	4,000 rpm	3,580 Xg
62	No.7 Swing-Bucket Rotor	60 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4,000 rpm	3,580 Xg



3



8



12



13



16



28



30



31



Biolab Scientific Ltd.

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

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