



LABORATORY LOW SPEED CENTRIFUGE BCBLS-110

LABORATORY LOW SPEED CENTRIFUGE BCBL5-110

BENCHTOP LOW SPEED CENTRIFUGE



SPECIFICATIONS

Model	BCBL5-110
Max. RCF	5 200 Xg
Max. Speed	5 000 rpm
Max. Capacity	4 x 500 ml
Running Time	1 min - 9999 min 59 s, Pulse, Continuous
Drive System	Direct, induction motor drive (brushless)
Speed Accuracy	± 10 r/min
Programs	12 user-defined
Accel/Decel Profiles	19/19
Noise Level	≤ 60 dB(A)
Power Supply	AC 200-240 V, 50/60 Hz or AC 100-127 V, 50/60 Hz
Max. Power Consumption	600 W
Dimension (W x D x H)	17.7 x 22 x 16.3 in / 45 x 56 x 41.5 cm
Weight w/o Rotor	110 lb / 50 kg
Alt Name	Benchtop Low Speed 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)	Rotor Cross (order tube racks separately)	-	5 000 rpm	4 650 Xg
2	No. 1 Swing-out Rotor (Tube Racks) 4 x 50 ml	4 x 50 ml	Φ29 x 111-116	5 000 rpm	4 650 Xg
3	No. 1 Swing-out Rotor (Tube Racks) 4 x 100 ml	4 x 100 ml	Φ38 x 114	5 000 rpm	4 650 Xg
4	No. 2-1 Swing-out Rotor (Rotor Cross)	Rotor Cross (order tube racks separately)	-	4 000 rpm	2 980 Xg
5	No. 2-1 Swing-out Rotor (Tube Racks) 8 x 50 ml	8 x 50 ml	Φ29 x 111-116	4 000 rpm	2 980 Xg
6	No. 2-1 Swing-out Rotor (Tube Racks) 8 x 100 ml	8 x 100 ml	Φ38 x 114	4 000 rpm	2 980 Xg
7	No. 2-1 Swing-out Rotor (Tube Racks) 24 x 10 ml	24 x 10 ml	Φ16.5 x 86-110	4 000 rpm	2 980 Xg

8	No. 2-1 Swing-out Rotor (Tube Racks) 24 x 15 ml	24 x 15 ml	Φ17 x 121	4 000 rpm	2 980 Xg
9	No. 2-1 Swing-out Rotor (Tube Racks) 32 x 10 ml	32 x 10 ml	Φ16.5 x 86-110	4 000 rpm	2 980 Xg
10	No. 2-1 Swing-out Rotor (Tube Racks) 32 x 15 ml	32 x 15 ml	Φ17 x 121	4 000 rpm	2 980 Xg
11	No. 2-2 Swing-Bucket Rotor	4 x 175/225 ml Falcon conical bottle	Φ61 x 118/137	4 000 rpm	2 980 Xg
12	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	3 100 Xg
13	No. 2-4 Swing-Bucket Rotor	48 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4 000 rpm	3 100 Xg
14	No. 2-5 Swing-Bucket Rotor	64 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4 000 rpm	3 100 Xg
15	No. 3 Swing-Bucket Rotor - Rotor Cross	Rotor Cross (with a wind shield) (order buckets, tube racks, adapters separately)	-	5 000 rpm	5 200 Xg
16	No. 3 Swing-Bucket Rotor - 4 x 250 ml (buckets)	4 x 250 ml	Φ63 x 111	5 000 rpm	5 200 Xg
17	No. 3 Swing-Bucket Rotor - 4 x 100 ml (buckets)	4 x 100 ml	Φ38 x 114	5 000 rpm	5 200 Xg
18	No. 3 Swing-Bucket Rotor - 4 x 50 ml	4 x 50 ml	Φ29 x 111-116	5 000 rpm	5 200 Xg
19	No. 3 Swing-Bucket Rotor - 8 x 50 ml conical	8 x 50 ml conical	Φ29 x 116	5 000 rpm	5 200 Xg
20	No. 3 Swing-Bucket Rotor - 8 x 50 ml round	8 x 50 ml round	Φ29 x 111	5 000 rpm	5 200 Xg
21	No. 3 Swing-Bucket Rotor - 8 x 30 ml	8 x 30 ml	Φ25.5 x 100	5 000 rpm	5 200 Xg
22	No. 3 Swing-Bucket Rotor - 20 x 15 ml	20 x 15 ml	Φ17 x 121	5 000 rpm	5 200 Xg
23	No. 3 Swing-Bucket Rotor - 36 x 10 ml	36 x 10 ml	Φ16.5 x 86-110	5 000 rpm	5 200 Xg
24	No. 3 Swing-Bucket Rotor - 20 x 5 ml conical	20 x 5 ml conical	Φ17 x 60	5 000 rpm	5 200 Xg
25	No. 3 Swing-Bucket Rotor - 40 x 1.5/2.0 ml	40 x 1.5/2.0 ml	Φ11 x 42	5 000 rpm	5 200 Xg
26	No. 3 Swing-Bucket Rotor - 32 x 2.0 ml	32 x 2.0 ml	Φ10.8 x 44	5 000 rpm	5 200 Xg
27	No. 3 Swing-Bucket Rotor - 40 x 0.5 ml	40 x 0.5 ml	Φ8 x 30	5 000 rpm	5 200 Xg
28	No. 3 Swing-Bucket Rotor - 20 x 10 ml virus sampling tube	20 x 10 ml virus sampling tube	Φ16 x 97-101	5 000 rpm	5 200 Xg
29	No. 3 Swing-Bucket Rotor - 28 x 4-10 ml blood collection/urine tube	28 x 4-10 ml blood collection/urine tube	Φ16 x 75-100 / Φ15 x 75-102	5 000 rpm	5 200 Xg
30	No. 3 Swing-Bucket Rotor - 40 x 1.6-7 ml blood collection/urine tube	40 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	5 000 rpm	5 200 Xg
31	No. 3 Swing-Bucket Rotor - 32 x 15 ml (tube racks)	32 x 15 ml	Φ17 x 121	5 000 rpm	5 200 Xg
32	No. 4 Swing-Bucket Rotor (microplates / culture plates)	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 (W x D x H) up to 128 x 87 x 60 mm	4 000 rpm	1 970 Xg
33	No. 5-1 Swing-Bucket Rotor - Rotor Cross (500 ml Round Buckets)	Rotor Cross (order buckets, adapters separately)	-	4 000 rpm	3 400 Xg
34	No. 5-1 Swing-Bucket Rotor - 4 x 500 ml	4 x 500 ml	Φ80 x 137	4 000 rpm	3 400 Xg
35	No. 5-1 Swing-Bucket Rotor - 4 x 250 ml	4 x 250 ml	Φ63 x 111	4 000 rpm	3 400 Xg
36	No. 5-1 Swing-Bucket Rotor - 4 x 100 ml	4 x 100 ml	Φ38 x 114	4 000 rpm	3 400 Xg
37	No. 5-1 Swing-Bucket Rotor - 16 x 50 ml conical	16 x 50 ml conical	Φ29 x 116	4 000 rpm	3 400 Xg
38	No. 5-1 Swing-Bucket Rotor - 16 x 50 ml round	16 x 50 ml round	Φ29 x 111	4 000 rpm	3 400 Xg
39	No. 5-1 Swing-Bucket Rotor - 16 x 30 ml	20 x 30 ml	Φ25.5 x 100	4 000 rpm	3 400 Xg

40	No. 5-1 Swing-Bucket Rotor - 40 x 15 ml	40 x 15 ml	Φ17 x 121	4 000 rpm	3 400 Xg
41	No. 5-1 Swing-Bucket Rotor - 40 x 5 ml conical	40 x 5 ml conical	Φ17 x 60	4 000 rpm	3 400 Xg
42	No. 5-1 Swing-Bucket Rotor - 100 x 1.5/2.0 ml	100 x 1.5/2.0 ml	Φ11 x 42	4 000 rpm	3 400 Xg
43	No. 5-1 Swing-Bucket Rotor - 100 x 2.0 ml	100 x 2.0 ml	Φ10.8 x 44	4 000 rpm	3 400 Xg
44	No. 5-1 Swing-Bucket Rotor - 48 x 10 ml virus sampling tube	48 x 10 ml virus sampling tube	Φ16 x 97-101	4 000 rpm	3 400 Xg
45	No. 5-1 Swing-Bucket Rotor - 80 x 4-10 ml blood collection/urine tube	80 x 4-10 ml blood collection/urine tube	Φ16 x 75-100 / Φ15 x 75-102	4 000 rpm	3 400 Xg
46	No. 5-1 Swing-Bucket Rotor - 112 x 1.6-7 ml blood collection/urine tube	112 x 1.6-7 ml blood collection/urine tube	Φ13 x 75-100	4 000 rpm	3 400 Xg
47	No. 5-1 Swing-Bucket Rotor - 4 x 175/225 ml Falcon conical bottle	4 x 175/225 ml Falcon conical bottle	Φ61 x 118/137	4 000 rpm	3 400 Xg
48	No. 5-2 Swing-Bucket Rotor (bottles)	4 x 250 ml Corning conical bottle or 4 x 200 ml Nunc bottle	Φ60 x 164	4 000 rpm	3 400 Xg



2



3



5



6



10



17



18



20



34



36



37



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