



BENCHTOP HIGH SPEED CENTRIFUGE BFD-10301

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SPECIFICATIONS

Model	BFD-10301
Max. Speed	18000rpm
Max. RCF	24760xg
Max. Capacity	6 x 100 ml
Angle Rotor Max. Speed	18,000 rpm with 12 x 1.5/2.0 ml
Angle Rotor Max. RCF	24,760 xg with 24 x 1.5/2.0 ml
Angle Rotor Max. Capacity	6 x 100 ml
Swing Rotor Max. Speed	4,000 rpm with 2 x 2 pcs microplates rotor
Swing Rotor Max. RCF	1,500 xg with 2 x 2 pcs microplates rotor
Swing Rotor Max. Capacity	2 x 2 pcs microplates (48 wells)
Control System	Microprocessor
Drive System	Direct, induction motor drive
Display	Full color touchscreen interface
Programmability	Via easy access touchscreen menu
Rotor Identification	Auto-ID Instant, immediately upon rotor insertion
Multi-stage Centrifugal Mode	Max up to 5 stages of speed & time
User Lockout Function	Yes
Data Communication	USB port (Run history can be output through USB port)
Program Storage	1,000 user-defined
Running Time	1 s-99 h:59 min:59 s
Timer	Count up or down
Speed Accuracy	±10 r/min
Accel/Decel Profiles	40/40
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	500 W
Dimension (W x D x H)	14.2 x 17.7 x 12.6 in / 36 x 45 x 32 cm
Weight w/o Rotor	64 lb / 29 kg
Alt Name	Benchtop High Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Capacity	Speed	RCF
1	No. 1 Fixed-Angle Rotor	12 x 1.5/2.0 ml (with adapters for 0.2/0.5ml tube)	18 000 rpm	22 500 Xg
2	No. 2 Fixed-Angle Rotor	12 x 5 ml	15 000 rpm	18 240 Xg
3	No. 3-1 Fixed-Angle Rotor	24 x 1.5/2.0 ml (with adapters for 0.2/0.5ml tube)	16 000 rpm	24 760 Xg
4	No. 3-2 Fixed-Angle Rotor	24 x 1.5/2.0 ml (with adapters for 0.2/0.5ml tube) (rotor with Aerosol-tight lid)	16 000 rpm	24 760 Xg
5	No. 4-1 Fixed-Angle Rotor	12 x 10 ml	13 000 rpm	15 630 Xg
6	No. 4-2 Fixed-Angle Rotor	36 x 1.5/2.0 ml (with adapters for 0.2/0.5ml tube)	13 000 rpm	15 630 Xg
7	No. 5-1 Fixed-Angle Rotor	6 x 50 ml (conical)	12 000 rpm	15 700 Xg
8	adapters			
9	adapters			
10	adapters			
11	adapters			
12	adapters			
13	adapters			
14	adapters			
15	adapters			
16	adapters			
17	adapters			
18	No. 5-2 Fixed-Angle Rotor	48 x 1.5/2.0 ml (with adapters for 0.2/0.5ml tube)	12 000 rpm	15 700 Xg
19	No. 5-3 Fixed-Angle Rotor	6 x 50 ml (round bottom)	12 000 rpm	15 700 Xg
20	adapters			
21	adapters			
22	adapters			
23	adapters			
24	adapters			
25	adapters			
26	adapters			
27	adapters			
28	adapters			
29	No. 6-1 Fixed-Angle Rotor	4 x 100 ml	10 000 rpm	11 020 Xg
30	adapters			
31	adapters			
32	adapters			
33	adapters			
34	adapters			
35	adapters			
36	adapters			

37	adapters			
38	adapters			
39	adapters			
40	adapters			
41	adapters			
42	No. 6-2 Fixed-Angle Rotor	8 x 50 ml (conical)	10 000 rpm	11 020 Xg
43	adapters			
44	adapters			
45	adapters			
46	adapters			
47	adapters			
48	adapters			
49	adapters			
50	adapters			
51	adapters			
52	adapters			
53	No. 6-3 Fixed-Angle Rotor	12 x 15 ml	10 000 rpm	11 020 Xg
54	adapters			
55	adapters			
56	adapters			
57	adapters			
58	adapters			
59	adapters			
60	No. 6-4 Fixed-Angle Rotor	24 x 10 ml	10 000 rpm	10 020 Xg
61	No. 6-5 Fixed-Angle Rotor	8 x 50 ml (round bottom)	10 000 rpm	10 640 Xg
62	adapters			
63	adapters			
64	adapters			
65	adapters			
66	adapters			
67	adapters			
68	adapters			
69	adapters			
70	adapters			
71	No. 7 Fixed-Angle Rotor	6 x 10 ml	16 000 rpm	18 950 Xg
72	No. 8-1 Fixed-Angle Rotor	8 x 15 ml	13 000 rpm	14 930 Xg
73	adapters			
74	adapters			
75	adapters			
76	adapters			
77	adapters			
78	adapters			

79	No. 8-2 Fixed-Angle Rotor	6 x 30 ml	13 000 rpm	14 930 Xg
80	adapters			
81	adapters			
82	adapters			
83	No. 9 Fixed-Angle Rotor	8 x PCR-Strips	13 000 rpm	14 640 Xg
84	No. 10 Fixed-Angle Rotor	6 x 100 ml	8 000 rpm	7 720 Xg
85	adapters			
86	adapters			
87	adapters			
88	adapters			
89	adapters			
90	adapters			
91	adapters			
92	adapters			
93	adapters			
94	adapters			
95	adapters			
96	adapters			
97	No. 11 Swing-Bucket Rotor	2 x 2 pcs microplates (48 wells)	4 000 rpm	1 530 Xg



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