



FLOOR STANDING LOW SPEED REFRIGERATED CENTRIFUGE BFD-12101

LOW SPEED REFRIGERATED CENTRIFUGE BFD-12101

FLOOR STANDING LOW SPEED LARGE CAPACITY REFRIGERATED CENTRIFUGE



SPECIFICATIONS

Model	BFD-12101
Max. Speed	5000rpm
Max. RCF	5200xg
Max. Capacity	4 x 750 ml
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
Safety Device	Imbalance protection, overspeed protection, overcurrent protection, lid interlock system, lid open/close detection, steel housing, corrosion-resistant stainless steel centrifuge chamber, additional inner steel armored guard ring, steel lid, etc.
Noise Level	≤58 dB(A)
Power Supply	AC 200-240 V, 50 Hz or AC 200-240 V, 60 Hz
Max. Power Consumption	1.8 kW
Dimension (W x D x H)	26.8 x 24.4 x 33 in / 68 x 62 x 84 cm
Weight w/o Rotor	348 lb / 158 kg
Alt Name	Floor Standing Low Speed Large Capacity Refrigerated Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Capacity	Speed	RCF
1	No. 1 Swing-out Rotor		5 000 rpm	4 650 Xg
2	Rotor Cross			

3	Tube Racks	4 x 50 ml		
4	Tube Racks	4 x 100 ml		
5	No. 2 Swing-out Rotor		4 000 rpm	2 980 Xg
6	Rotor Cross			
7	Tube Racks	8 x 50 ml		
8	Tube Racks	8 x 100 ml		
9	Tube Racks	24 x 10 ml		
10	Tube Racks	24 x 15 ml		
11	adapters			
12	adapters			
13	adapters			
14	adapters			
15	adapters			
16	adapters			
17	Tube Racks	32 x 10 ml		
18	Tube Racks	32 x 15 ml		
19	adapters			
20	adapters			
21	adapters			
22	adapters			
23	adapters			
24	adapters			
25	No. 2-2 Swing-Bucket Rotor	4 x 175/225 ml Falcon conical bottle	4 000 rpm	2 980 Xg
26	No. 2-3 Swing-Bucket Rotor	36 x 4 -10 ml blood collection / urine tube	4 000 rpm	3 100 Xg
27	No. 2-4 Swing-Bucket Rotor	48 x 1.6 -7 ml blood collection / urine tube		
28	No. 2-5 Swing-Bucket Rotor	64 x 1.6 -7 ml blood collection / urine tube		
29	No. 3 Swing-Bucket Rotor		5 000 rpm	5 200 Xg
30	Rotor Cross (with a wind shield)			
31	250ml Round Buckets	4 x 250 ml		
32	adapters	4 x 100 ml		
33	adapters	4 x 50 ml		
34	adapters	8 x 50 ml conical		
35	adapters	8 x 50 ml round bottom		
36	adapters	8 x 30 ml		
37	adapters	20 x 15 ml		
38	adapters	36 x 10 ml		
39	adapters	20 x 5 ml conical		
40	adapters	32 x 1.5/2.0 ml		
41	adapters	32 x 2.0 ml		
42	adapters	40 x 0.5 ml		
43	adapters	20 x 10 ml virus sampling tube		
44	adapters	28 x 4 -10 ml blood collection / urine tube		

45	adapters	40 x 1.6 -7 ml blood collection / urine tube		
46	Tube Racks	32 x 15 ml		
47	No. 4 Swing-Bucket Rotor	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	4 000 rpm	1 970 Xg
48	No. 5-1 Swing-Bucket Rotor		4 200 rpm	3 550 Xg
49	Rotor Cross			
50	500ml Round Buckets	4 x 500 ml		
51	Aerosol-tight lids for 500ml Round Buckets			
52	adapters	4 x 250 ml		
53	adapters	4 x 100 ml		
54	adapters	16 x 50 ml conical		
55	adapters	16 x 50 ml round bottom		
56	adapters	16 x 30 ml		
57	adapters	36 x 15 ml		
58	adapters	56 x 10 ml		
59	adapters	36 x 5 ml conical		
60	adapters	80 x 1.5/2.0 ml		
61	adapters	60 x 2.0 ml		
62	adapters	80 x 0.5 ml		
63	adapters	36 x 10 ml virus sampling tube		
64	adapters	56 x 4 -10 ml blood collection / urine tube		
65	adapters	72 x 1.6 -7 ml blood collection / urine tube		
66	adapters	4 x 175/225 ml Falcon conical bottle		
67	Rectangular Buckets			
68	adapters	20 x 50 ml conical		
69	adapters	20 x 50 ml round bottom		
70	adapters	20 x 30 ml		
71	adapters	40 x 15 ml		
72	adapters	40 x 5 ml conical		
73	adapters	100 x 1.5/2.0 ml		
74	adapters	100 x 2.0 ml		
75	adapters	48 x 10 ml virus sampling tube		
76	adapters	80 x 4 -10 ml blood collection / urine tube		
77	adapters	112 x 1.6 -7 ml blood collection / urine tube		
78	Round Buckets	148 x 5 ml Radio-immunity tube		
79	Round Buckets	96 x 1.6 -7 ml blood collection / urine tube		

80	Plate Buckets	4 x 3 pcs microplates (96 wells) or 4 x 3 pcs microtiter plates or 4 x 2 pcs cell culture plates or 4 x 1 pc deep well plates		
81	No. 5-2 Swing-Bucket Rotor	4 x 250 ml Corning conical bottle or 4 x 200 ml Nunc bottle	4 000 rpm	3 400 Xg
82	No. 6-1 Swing-Bucket Rotor	4 x 750 ml	4 000 rpm	3 500 Xg
83	adapters	4 x 500 ml		
84	adapters	4 x 250 ml		
85	adapters	12 x 100 ml		
86	adapters	28 x 50 ml (conical)		
87	adapters	28 x 50 ml (round bottom)		
88	adapters	28 x 30 ml		
89	adapters	56 x 15 ml		
90	adapters	72 x 10 ml		
91	adapters	56 x 5 ml (conical)		
92	adapters	96 x 1.5/2.0 ml		
93	adapters	88 x 2.0 ml		
94	adapters	96 x 0.5 ml		
95	adapters	76 x 4 -10 ml blood collection / urine tube		
96	adapters	96 x 1.6 -7 ml blood collection / urine tube		
97	adapters	148 x 5 ml Radio-immunity tube		
98	adapters	4 x 175/225 ml Falcon conical bottle		
99	adapters	4 x 30/50 ml Falcon Cell Culture Flasks or 4 x 30/50 ml Corning Cell Culture Flasks		
100	adapters	8 x 40 ml Nunc Cell Culture Flasks (T-25 cm ² Cell Culture Flasks)		
101	adapters	4 x 160 ml Nunc Cell Culture Flasks (T-75 cm ² Cell Culture Flasks)		
102	adapters	4 x 200 ml Falcon Cell Culture Flasks or 4 x 200 ml Greiner Cell Culture Flasks or 4 x 200 ml Nunc Cell Culture Flasks		
103	No. 6-2 Swing-Bucket Rotor	4 x 500 ml Corning conical bottle	4 000 rpm	3 500 Xg
104	No. 7 Swing-Bucket Rotor	6 x 250 ml	4 000 rpm	3 580 Xg
105	adapters	6 x 100 ml		
106	adapters	6 x 50 ml		
107	adapters	12 x 50 ml conical		

108	adapters	12 x 50 ml round bottom		
109	adapters	12 x 30 ml		
110	adapters	30 x 15 ml		
111	adapters	54 x 10 ml		
112	adapters	30 x 5 ml conical		
113	adapters	48 x 1.5/2.0 ml		
114	adapters	48 x 2.0 ml		
115	adapters	60 x 0.5 ml		
116	adapters	30 x 10 ml virus sampling tube		
117	adapters	42 x 4 -10 ml blood collection / urine tube		
118	adapters	60 x 1.6 -7 ml blood collection / urine tube		
119	No. 8 Swing-Bucket Rotor	4 x buckets	4 000 rpm	3 580 Xg
120	adapters	4 x 500 ml		
121	adapters	4 x 250 ml		
122	adapters	16 x 100 ml		
123	adapters	28 x 50 ml (conical)		
124	adapters	28 x 50 ml (round bottom)		
125	adapters	28 x 30 ml		
126	adapters	56 x 15 ml		
127	adapters	72 x 10 ml		
128	adapters	56 x 5 ml (conical)		
129	adapters	88 x 1.5/2.0 ml		
130	adapters	88 x 2.0 ml		
131	adapters	140 x 1.6 -7 ml blood collection / urine tube		



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