



# LABORATORY HIGH SPEED CENTRIFUGE BFD-3101

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BENCHTOP HIGH SPEED CENTRIFUGE



## SPECIFICATIONS

Model	BFD-3101
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
Date Communication	USB port (Run history can be output through USB port)
Program Storage	1 000 user-defined
Running Time	1s~99h:59min:59s
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	Rotor Capacity (places x volume, ml)	Tube Size (ΦxL in mm)	Max Speed (rpm)	Max RCF (g)
1	No.1 Fixed-Angle Rotor	12 x 1.5/2.0 ml (with adapters for 0.2/0.5ml tube)	Φ11x42	20 000 rpm	27 800 Xg
2	No.2 Fixed-Angle Rotor	12 x 5 ml	Φ14x54	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)	Φ11x42	20 000 rpm	27 800 Xg
4	No.3-2 Fixed-Angle Rotor	24 x 1.5/2.0 ml (with adapters for 0.2/0.5ml tube)	Φ11x42	16 000 rpm	24 760 Xg
5	No.3-3 Fixed-Angle Rotor	12 x 10 ml	Φ16x86	16 000 rpm	24 760 Xg

6	No.4-1 Fixed-Angle Rotor	12 x 10 ml	Φ16x86	13 000 rpm	15 630 Xg
7	No.4-2 Fixed-Angle Rotor	36 x 1.5/2.0 ml (with adapters for 0.2/0.5ml tube)	Φ11x42	13 000 rpm	15 630 Xg
8	No.5-1 Fixed-Angle Rotor	6 x 50 ml (conical)	Φ29x116	20 000 rpm	42 580 Xg
9	No.5-2 Fixed-Angle Rotor	48 x 1.5/2.0 ml (with adapters for 0.2/0.5ml tube)	Φ11x42	12 000 rpm	15 700 Xg
10	No.5-3 Fixed-Angle Rotor	6 x 50 ml (round)	Φ29x111	20 000 rpm	42 580 Xg
11	No.6-1 Fixed-Angle Rotor	4 x 100 ml	Φ38x123	10 000 rpm	11 020 Xg
12	No.6-2 Fixed-Angle Rotor	8 x 50 ml (conical)	Φ29x116	10 000 rpm	20 500 Xg
13	No.6-3 Fixed-Angle Rotor	12 x 15 ml	Φ17x121	10 000 rpm	11 020 Xg
14	No.6-4 Fixed-Angle Rotor	24 x 10 ml	Φ16x86	10 000 rpm	14 220 Xg
15	No.6-5 Fixed-Angle Rotor	8 x 50 ml (round)	Φ29x111	10 000 rpm	18 950 Xg
16	No.7 Fixed-Angle Rotor	6 x 10 ml	Φ16x86	16 000 rpm	18 950 Xg
17	No.8-1 Fixed-Angle Rotor	8 x 15 ml	Φ17x121	13 000 rpm	14 930 Xg
18	No.8-2 Fixed-Angle Rotor	6 x 30 ml	Φ25.5x100	13 000 rpm	20 500 Xg
19	No.9 Fixed-Angle Rotor	4 x PCR-Strips	-	13 000 rpm	14 640 Xg
20	No.10 Fixed-Angle Rotor	6 x 100 ml	Φ38x123	8 000 rpm	7 720 Xg
21	No.11 Swing-Bucket Rotor	2 x 2 pcs microplates (48 wells)	Load dimensions (WxDxH) up to 128x48x60 mm	4 000 rpm	1 500 Xg



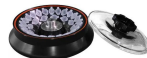
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