



BENCHTOP HIGH SPEED CENTRIFUGE BET-4501

HIGH SPEED CENTRIFUGE BET-4501

BENCHTOP HIGH/LOW SPEED CENTRIFUGE



SPECIFICATIONS

Model	BET-4501
Max. Speed	18500rpm
Max. RCF	2442xg
Max. Capacity	4 x 250 mL
Speed accuracy	±20 r/min (customizable, multiples of 10)
Control and drive system	Microcomputer control, maintenance-free large-torque DC brushless motor
Display mode	7" wide-angle LCD touch screen
Operation mode	Touch control (local control optional)
Gears up/down	10 gears
Timer range	1 s-99 h 59 min 59 s, with continuous centrifugation and instantaneous centrifugation
Total power	0.6 kW
Noise	≤65 dB(A)
Power	AC 220 V, 50 Hz
Weight	45 kg
Dimensions (L x W x H)	450 x 565 x 365 mm
Alt Name	Benchtop High/Low Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Max. Speed	Max. RCF	Capacity
1	Angle rotor	18,500 r/min	24642 x g	12 x 1.5/2.0 mL
2	Angle rotor	14,000 r/min	19600 x g	24 x 1.5/2.0 mL
3	Angle rotor	12,000 r/min	15,984 x g	48 x 1.5 mL
4	Angle rotor	12,000 r/min	11,088 x g	12 x 5 mL
5	Angle rotor	11,500 r/min	16,267 x g	12 x 15 mL
6	Angle rotor	11,500 r/min	16,002 x g	6 x 50 mL
7	Angle rotor	11,000 r/min	14,640 x g	6 x 100 mL
8	Angle rotor	8,000 r/min	7,296 x g	4 x 100 mL
9	PCR 8-strip tubes	13,000 r/min	13,182 x g	4 x 8 x 0.2 mL
10	Swing-out rotor	4,000 r/min	2,848 x g	4 x 250 mL (flat bottom)
11	Adapter	4,000 r/min	2,848 x g	5-100 mL
12	Swing-out rotor body	-	-	-
13	Tube rack	5,000 r/min	4,625 x g	4 x 50 mL

14	Tube rack	4,000 r/min	2,960 x g	8 x 50 mL
15	Tube rack	4,000 r/min	2,960 x g	32 x 15 mL / 10 mL
16	Tube rack	5,000 r/min	4,800 x g	4 x 100 mL
17	Tube rack	4,000 r/min	3,072 x g	8 x 100 mL
18	Microplate rotor	4,000 r/min	2,368 x g	2 x 2 x 96 holes

APPLICATIONS

The benchtop high/low speed centrifuge is a powerful laboratory pretreatment instrument that combines the features of both high- and low-speed centrifuges to meet diverse experimental needs. The low-speed centrifuge section typically operates at 500-5000r/min and is suitable for separating large particles or substances with minimal density differences, such as cells, viruses, and proteins. It is widely used in the fields of biomedicine, chemistry, and food science, etc. In contrast, the high-speed centrifuge section can reach speeds of 10000-18500r/min, making it ideal for separating small particles or substances with significant density differences, such as DNA and RNA, thereby further enhancing the precision and efficiency of experiments.



Biolab Scientific Ltd.

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

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