



BENCHTOP HIGH SPEED CENTRIFUGE BKC-1401

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COMPACT HIGH SPEED CENTRIFUGE



Compact and space-saving High-Speed centrifuge
Max.capacity: 6*100ml fixed angle rotor, 4*750ml swing out rotor
Observations window on lid for speed calibration and noise measurement.
Microprocessor control with 750W-4K-21K frequency conversion A.C. motor drive.
Noise level lower than 58 decibel at the highest rotational speed.
Three levels of damping system, Programmable and storable, stores up to 30 programs and provides direct user access with one keystroke save. The stored parameter: combination remains in the memory even after the centrifugation has been switched off.
Double layers sealing ring made for the centrifuge lid and the instrument to keep long good sealing.
With over-speed, over-temperature, electronic safety door lock and other multi-l

SPECIFICATIONS

Model	BKC-1401
Max. Speed	20000rpm
Max. RCF	28174xg
Max. Capacity	4x750ml
Display	LCD
Noise(dBA)	
Dimension(mm)	620x480x375mm
Net weight(without rotor)	50KGS
Speed accuracy	±10rpm
Time range	0-99minutes
Acceleration /Deceleration rates	1-- 10
Motor	Frequency Converter motor
Power supply	AC220V,50HZ,10A,770W
Alt Name	Compact High Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Capacity	Max. Speed	Max. RCF	Note
1	Angle Rotor	12 x 1.5-2.2 ml	20,000 r/min	28,174 xg	PP/PC tube
2	Adapter	12 x 0.5 ml	20,000 r/min	28,174 xg	PP/PC tube
3	Adapter	12 x 0.2 ml	20,000 r/min	28,174 xg	PP/PC tube
4	Angle Rotor	12 x 5 ml	17,000 r/min	20,680 xg	PP/PC tube
5	Adapter	12 x 1.5 ml	17,000 r/min	20,680 xg	PP/PC tube
6	Angle Rotor	24 x 1.5-2.2 ml	16,000 r/min	24,041 xg	PP/PC tube
7	Adapter	24 x 0.5 ml	16,000 r/min	24,041 xg	PP/PC tube
8	Adapter	24 x 0.2 ml	16,000 r/min	24,041 xg	PP/PC tube

9	Angle Rotor	10 x 15 ml	15,000 r/min	26,161 xg	PP/PC tube
10	Adapter	10 x 10 ml	15,000 r/min	26,161 xg	PP/PC tube
11	Adapter	10 x 5 ml	15,000 r/min	26,161 xg	PP/PC tube
12	Adapter	10 x 1.5 ml	15,000 r/min	26,161 xg	PP/PC tube
13	Angle Rotor	48 x 1.5-2.2 ml	15,000 r/min	23,394 xg	PP/PC tube
14	Adapter	48 x 0.5 ml	15,000 r/min	23,394 xg	PP/PC tube
15	Adapter	48 x 0.2 ml	15,000 r/min	23,394 xg	PP/PC tube
16	Angle Rotor	12 x 10 ml	15,000 r/min	21,130 xg	PP/PC tube
17	Adapter	12 x 5/1.5 ml	15,000 r/min	21,130 xg	PP/PC tube
18	Angle Rotor	6 x 50 ml	14,000 r/min	21,255 xg	PP/PC tube
19	Adapter	6 x 15 ml	14,000 r/min	21,255 xg	PP/PC tube
20	Adapter	6 x 10 ml	14,000 r/min	21,255 xg	PP/PC tube
21	Adapter	6 x 1.5 ml	14,000 r/min	21,255 xg	PP/PC tube
22	Angle Rotor	6 x 100 ml	11,000 r/min	14,610 xg	PP/PC tube
23	Adapter	6 x 50 ml	11,000 r/min	14,610 xg	PP/PC tube
24	Adapter	6 x 15 ml	11,000 r/min	14,610 xg	PP/PC tube
25	Adapter	6 x 10 ml	11,000 r/min	14,610 xg	PP/PC tube
26	Adapter	6 x 5 ml	11,000 r/min	14,610 xg	PP/PC tube
27	Adapter	6 x 1.5 ml	11,000 r/min	14,610 xg	PP/PC tube
28	Angle Rotor	8 x 50 ml	12,000 r/min	17,226 xg	PP/PC tube
29	Adapter	8 x 15 ml	12,000 r/min	17,226 xg	PP/PC tube
30	Adapter	8 x 10 ml	12,000 r/min	17,226 xg	PP/PC tube
31	Adapter	8 x 1.5 ml	12,000 r/min	17,226 xg	PP/PC tube
32	Swing Bucket	4 x 250 ml	4,000 r/min	3,049 xg	Round cup
33	Adapter	4 x 9 x 2-5 ml	4,000 r/min	3,049 xg	Vacuum blood collection tube
34	Adapter	4 x 3 x 10-15 ml	4,000 r/min	3,049 xg	PP/PC tube
35	Adapter	4 x 50 ml	4,000 r/min	3,049 xg	PP/PC tube
36	Adapter	4 x 100 ml	4,000 r/min	3,049 xg	PP/PC tube
37	Adapter	4 x 9 x 1.5 ml	4,000 r/min	3,049 xg	PP/PC tube
38	Swing Bucket	4 x 400 ml	4,000 r/min	3,049 xg	Square cup
39	Adapter	4 x 16 x 2-5 ml	4,000 r/min	3,049 xg	Vacuum blood collection tube

40	Adapter	4 x 9 x 10-15 ml	4,000 r/min	3,049 xg	PP/PC tube
41	Adapter	4 x 4 x 50 ml	4,000 r/min	3,049 xg	PP/PC tube
42	Adapter	4 x 100 ml	4,000 r/min	3,049 xg	PP/PC tube
43	Adapter	4 x 15 x 1.5 ml	4,000 r/min	3,049 xg	PP/PC tube
44	Swing Bucket	4 x 500 ml	4,000 r/min	3,354 xg	Round cup
45	Adapter	4 x 17 x 2-5 ml	4,000 r/min	3,354 xg	Vacuum blood collection tube
46	Adapter	4 x 8 x 10-15 ml	4,000 r/min	3,354 xg	PP/PC tube
47	Adapter	4 x 3 x 50 ml	4,000 r/min	3,354 xg	PP/PC tube
48	Adapter	4 x 100 ml	4,000 r/min	3,354 xg	PP/PC tube
49	Swing Bucket	4 x 600 ml	4,000 r/min	3,354 xg	Square cup
50	Adapter	4 x 25 x 2-5 ml	4,000 r/min	3,354 xg	Vacuum blood collection tube
51	Adapter	4 x 12 x 10-15 ml	4,000 r/min	3,354 xg	PP/PC tube
52	Adapter	4 x 5 x 50 ml	4,000 r/min	3,354 xg	PP/PC tube
53	Adapter	4 x 4 x 100 ml	4,000 r/min	3,354 xg	PP/PC tube
54	Swing Bucket	4 x 750 ml	4,000 r/min	3,443 xg	Round cup
55	Adapter	4 x 26 x 2-5 ml	4,000 r/min	3,443 xg	Vacuum blood collection tube
56	Adapter	4 x 13 x 10-15 ml	4,000 r/min	3,443 xg	PP/PC tube
57	Adapter	4 x 5 x 50 ml	4,000 r/min	3,443 xg	PP/PC tube
58	Adapter	4 x 3 x 100 ml	4,000 r/min	3,443 xg	PP/PC tube
59	Microplate Rotor	2 x 2 x 96 well	4,200 r/min	2,860 xg	Square cup
60	Adapter	2 x 32 x 1.5 ml	4,200 r/min	2,860 xg	PP/PC tube

FEATURES

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Noise level lower than 58 decibel at the highest rotational speed.

Three levels of damping system, Programmable and storable, stores up to 30 programs and provides direct user access with one keystroke save. The stored parameter: combination remains in the memory even after the centrifugation has been switched off.

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With over-speed, over-temperature, electronic safety door lock and other multi-level protection functions to ensure the safety of man and machine.

Provides the 10 acceleration rates and 10 braking ramp, to effectively avoid secondary sedimentation,with better centrifugation effect.

Automatic lid-locking and holding during rotor run.

Easily exchangeable rotors.

Automatic troubleshooting with indication of error code and alarm on the screen.

LCD touch screen with simple&clear interface for viewing and setting parameters.

APPLICATIONS

Benchtop High Speed Centrifuges deliver efficient sample processing in clinical protocols, cell culture applications,precipitation purposes, microplate processing and separation of DNA, RNA, Viruses and proteins in biochemistry, medical treatment, food safety, and animal husbandry, etc.



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