



BENCHTOP HIGH SPEED CENTRIFUGE BKB-1401

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LARGE CAPACITY HIGH SPEED CENTRIFUGE



Equipped with a 7-inch high-sensitivity and high-definition (800*480) touch screen, it can be operated directly with gloves on. The operation procedure is simple, and the display is intuitive.

The setting parameters and operating parameters can be displayed on the screen at the same time, making the data more intuitive and easy to understand.

You can directly input values through the touch screen of the high speed centrifuge machine to set parameters, making the operation faster and more convenient.

The speed or centrifugal force can be set quickly, and the display of centrifugal force and speed can be switched with one key (the machine itself will calculate the speed corresponding to the centrifugal force or the centrifugal force corresponding to the speed in real time).

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SPECIFICATIONS

Model	BKB-1401
Max. Speed	21000rpm
Max. RCF	30642xg
Max. Capacity	4x750 mL
Speed Accuracy	±10 rpm
Time Setting Range	1 s to 99 min. 59 s, or 1 min. to 99 hr. 59 min.
Timing Mode	Start timing after spinning, start timing after reach setting speed, continuous timing, Short spinning
Noise Level	≤65 dB(A)
Short Spinning	Yes
Rotor Identification	Yes
Power Supply	AC 220 V ± 22 V, 50/60 Hz
Max. Power Consumption	900 W
Dimensions (W x D x H)	510 x 635 x 398 mm
Packing Dimensions (W x D x H)	660 x 770 x 450 mm
Weight	76 kg
Alt Name	Large Capacity High Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Max. Speed	Max. RCF	Max. Capacity
1	Angle Rotor	21000	30642	12x1.5/2.2ml
2	Angle Rotor	13000	18894	12x15ml(conical)
3	Angle Rotor	14000	20140	12x10ml
4				6x30ml
5	Angle Rotor	13000	17947	6x50ml(round)
6	Angle Rotor	12000	15292	6x50ml(conical)
7	Angle Rotor	15000	15840	12x5ml
8	Angle Rotor	13000	19090	30x1.5/2.0ml
9	Angle Rotor	13000	18525	48x1.5/2.0ml
10	Angle Rotor	10000	11960	6x100ml

11	Adapter	10000	11960	6x3x5ml
12				6x10ml
13				6x15ml
14				6x15ml(conical)
15				6x25ml
16				6x50ml
17				6x50ml(conical)
18	Angle Rotor	16000	24498	24x1.5/2.2ml
19	Angle Rotor	11000	14100	8x50ml(conical)
20	Swing Rotor Yoke	4000	3345	4x500ml
21	Swing round rotor	4000	3345	4x500ml
22	Swing round rotor (aerosol-tight)	4000	3345	4x500ml
23	Adapter	4000	3345	4x1x250ml
24				4x2x100ml
25				4x4x50ml(conical/round)
26				4x7x20ml
27				4x9x15ml(conical/round)
28				4x11x15ml(conical)
29				4x14x10ml
30				4x19x5/7ml
31				4x36x1.5ml
32	Swing rectangular rotor	4000	3345	4 rectangular buckets
33	Swing rectangular rotor(aerosol-tight)	4000	3345	4x500ml rectangular
34	Adapter	4000	3345	4x1x250ml
35				4x3x100ml
36				4x6x50ml(conical/round)
37				4x12x15ml(conical)
38				4x12x15ml(round)
39				4x20x10ml
40				4x31x5/7ml
41				4x56x1.5ml
42	Swing Rotor Yoke	4000	3500	4x750ml
43	Swing round rotor	4000	3500	4x750ml
44	Swing round rotor (aerosol-tight)	4000	3500	4x750ml
45	Adapter	4000	3500	4x1x500ml(conical)
46				4x1x500ml(flat)
47				4x250ml(conical)
48				4x1x250ml(flat)
49				4x4x100ml
50				4x7x50ml(conical)
51				4x7x50ml
52				4x5x50ml(self-standing tube)
53				4x10x20ml
54				4x15x15ml(conical)
55				4x19x10ml(self-standing tube)
56				4x21x10ml
57				4x27x5/7ml
58				4x37x5ml(RIA tube)

59				4x56x1.5ml
60	Swing rectangular rotor	4000	3500	4x750ml(rectangular)
61	Adapter	4000	3500	4x9x50ml
62				4x9x50ml(conical)
63				4x19x15ml(conical)
64				4x19x15ml
65				4x30x10ml
66				4x38x5/7ml blood collection tube
67	Microplate rotor	4000	3500	4x2x96well plate deep, 4x4x96 well Plate total length≤67mm
68	Angle Rotor	12000	15615	8x50ml

FEATURES

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The speed or centrifugal force can be set quickly, and the display of centrifugal force and speed can be switched with one key (the machine itself will calculate the speed corresponding to the centrifugal force or the centrifugal force corresponding to the speed in real time).

Up to five groups of programs can be selected at one time to realize step centrifugation so that the experiment can be diversified and multiple steps can be executed in place at one time.

100 groups of programs can be set, and each group of programs can be easily named. In this way, it is convenient to call and distinguish different experiments during use and realize the repeatability of experiments.

There are 11 acceleration rates and 12 deceleration rates, and the 10th is a custom rate. The acceleration and deceleration time can be customized according to the experimental requirements.

The operation records and fault records are automatically saved, and the operation status of the instrument and the separation status of each batch of samples can be checked at any time.

This centrifuge adopts an AC frequency conversion motor. This kind of motor has the advantages of no carbon powder pollution, maintenance-free, long service life, and accurate speed control accuracy (less than 10r/min).

The maximum capacity that can be centrifuged is 4x750mL, and it can be equipped with an airtight centrifuge basket to ensure safe centrifugation and no pollution.

There are 14 applicable rotors available. All test tubes, test bottles, and working plates with capacities of 0.2mL to 750mL can be adapted through different rotors. These make this centrifuge capable of high-speed and large-capacity centrifugation, and its versatility can meet all requirements based on centrifugal application needs.



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