



FLOOR STANDING HIGH SPEED REFRIGERATED CENTRIFUGE BKB-401

HIGH SPEED REFRIGERATED CENTRIFUGE BKB-401

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High-throughput Sample Processing

Swing rotor: Multiple rotor and adapters available, max capacity 4x1000ml, it can spin up to 36x50ml conical tube or 196x5/7ml vacuum blood collection tube in once cycle.

Angle Rotor: 9 rotor options, such as 6 x250ml, 8 x50ml, 48 x1.5ml. Max RCF up to 27650xg, suitable for 0.2-250ml high-speed centrifugation of molecular biology.

Reliable Material

The rotor adopt 7075-T6 aviation grade alloy aluminum and titanium alloy, hard oxidation, corrosion resistance. From raw material to finished products, each process is strictly controlled. The flaw detection report, tensile test report, chemical composition test report and processing test report can be provided.

Extensible

SPECIFICATIONS

Model	BKB-401
Max. Speed	16000rpm
Max. RCF	27648xg
Max. Capacity	6x250ml
Angle Rotor Max. Speed	16000rpm
Angle Rotor Max. RCF	27648xg
Angle Rotor Max. Capacity	6x250ml
Swing Rotor Max. Speed	5700rpm
Swing Rotor Max. RCF	5103xg
Swing Rotor Max. Capacity	4x1000ml
Time Setting Range	Two modes optional:1min to 99h59min and 1s to 99min59s;Default mode: 1s to 99min59s
Timing Mode	Start timing after spinning, Start timing after reach setting speed, Continuous timing, Operation at an appointed time
Temperature Setting Range	-20°C to 40°C, Step 1°C adjustable
Temperature Accuracy	±2°C
Speed Accuracy	±10r/min
Rotor Identification	Yes
Imbalance Protection	Yes
Pre-cooling Function	Yes
Computer Control	RS485 or RS232
Protection Function	Imbalance Protection, Rotor Identification, Door Lid Anti Pinch Protection, Motor Overheating Protection, Over-speed Protection and Over-temperature Protection
Automatic Door Lid Opening	Yes
Power Supply	AC220±22V 50Hz
Power Consumption	3.5kW
Noise	≤65dB
Dimension (WxDxH)	590x730x850(mm)
Packing Dimension (WxDxH)	750x880x1200(mm)
Net Weight	180kg
Alt Name	High Speed Refrigerated Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Max. Speed	Max. RCF	Max. Capacity
1	Angle Rotor	16000	27648	48x1.5/2.0ml
2	Angle Rotor	14000	21913	12x15ml(conical)
3	Angle Rotor	14000	21480	20x10ml
4	Angle Rotor	10000	15640	6x250ml
5	Swing Rotor Yoke	4200	3860	4x750ml
6	Round buckets			
7	Swing Rotor Yoke	4200	3860	4x750ml
8	Round buckets(aerosol-tight)			
9	Adapter	4200	3860	4x1x500ml(conical)
10				4x1x500ml(flat)
11				4x1x250ml(conical)
12				4x1x250ml(flat)
13				4x4x100ml
14				4x7x50ml(conical)
15				4x7x50ml
16				4x5x50ml(self-standing tube)
17				4x10x20ml
18				4x15x15ml(conical)
19				4x19x10ml(self-standing tube)
20				4x21x10ml
21				4x27x5/7ml
22				4x37x5ml(RIA tube)
23				4x56x1.5ml
24	Swing Rotor Yoke	4200	3860	4x750ml(rectangular)
25	Rectangular Buckets			
26	Adapter	4200	3860	4x9x50ml
27				4x9x50ml(conical)
28				4x19x15ml(conical)
29				4x19x15ml(round)
30				4x30x10ml
31				4x38x5/7ml blood collection tube
32	Swing Rotor Yoke	4200	3860	4x2x96 well deep 4x4x96 well, Plate total height≤67mm
33	Microplate Buckets			
34	Swing Rotor Yoke	4200	4122	4x1000ml
35	Rectangular buckets			4x1000ml
36	Adapter	4200	4122	4x7x100ml
37				4x10x50ml(conical)
38				4x24x15ml(conical)
39				4x37x10ml
40				4x49x5/7ml
41				4x2x96well deep 4x4x96 well
42	Swing microplate yoke	5700	5103	2x5 microplate
43	Microplate buckets	5700	5103	

44	Angle Rotor	11000	18174	4x250ml
45	Angle Rotor	14000	23450	6x100ml
46	Angle Rotor	14000	24100	12x30ml
47	Angle Rotor	15500	26050	8x50ml
48	Angle Rotor	14000	22790	8x50ml(conical)

FEATURES

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Reliable Material

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Extensible

The system adopts unified and standard Ethernet communication interface and provides key parameter point table, to facilitate system expansion and bring data into system monitoring.

Programmable

Save up to 100 user-defined program. Users can name each program to distinguish it. Each program can be divided into 5 steps (set speed, time, temperature), to meet the diversified experimental needs.

ACC/DEC Rates

Featuring 10 acceleration and 11 deceleration rates, to prevent the sample from second emulsion or turbid, and achieve best centrifugal effect.

Main interface function

In manual mode, the centrifuge parameters can be set quickly, and the G-force and speed can be switched by just touch the key.

Powerful System Setting Function

Powerful control system allows easy data capture, storage, and processing.

Energy Saving, Frequency conversion Technology

Frequency conversion dual channel control, refrigeration through frequency regulation, energy saving and high efficiency. According to the time interval of the experiment, the sleep time of the instrument can be set, which can ensure good refrigeration effect as well as save energy and increase the service life of the instrument.

Built-in safety

Featuring multiple protection, Such as automatic rotor identification, imbalance protection, over-speed protection, over-temperature protection, motor overheating protection, door lid protection and so on.



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