



FLOOR STANDING HIGH SPEED REFRIGERATED CENTRIFUGE BKB-3101

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HIGH SPEED REFRIGERATED CENTRIFUGE



Automatic door locking system
Automatic door opening & closing by just touch the key on the screen.
Door lid come with intelligent anti pinch device.
Large Capacity, High Speed
Max sample processing capacity up to 6x1000ml, Max speed up to 10000r/min.
Max RCF up to 17700xg, which greatly improves the production efficiency and separation effect.
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.
Reliable Material

SPECIFICATIONS

Model	BKB-3101
Max. Speed	10000rpm
Max. RCF	17700xg
Max. Capacity	6x1000ml
Speed Accuracy	±10r/min
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
Pre-cooling Function	Yes
Temperature Accuracy	±2°C
Rotor Identification	Yes
Imbalance Protection	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
Noise	≤65dB(A)
Power Supply	AC220±22V 50Hz
Power Consumption	6.5kW
Dimension (WxDxH)	700x900x940mm
Packing Dimension (WxDxH)	920x1040x1200mm
Net Weight	355kg
Alt Name	High Speed Refrigerated Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Max. Speed	Max. RCF	Max. Capacity
1	Angle Rotor	10000	17700	6x500ml
2	Adapter	10000	17700	6x13x1.5ml
3				6x10x5ml
4				6x7x10ml

5				6x7x15ml(conical)
6				6x3x30ml
7				6x2x50ml(conical)
8				6x100ml
9				6x250ml
10	Angle Rotor	10000	17700	6x500ml(Carbon Fibre)
11	Angle Rotor	8000	14472	6x1000ml
12	Angle Rotor	8500	16604	6x1000ml(Carbon Fibre)
13	Adapter	8500	16604	6x4x50ml
14				6x4x50ml(conical)
15				6x250ml
16				6x500ml

FEATURES

Automatic door locking system

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Large Capacity, High Speed

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Built-in safety

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Reliable Material

The alloy aluminum rotor adopt 7075-T6 aviation grade alloy aluminum, 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. Centrifuge chamber adopt 2mm thick 316L stainless steel, Housing (3mm Q235 steel), Containment (15mm Q235 steel), Diaphragm in door lid (3mm Q235 steel)

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

11 acceleration and 12 deceleration rate (NO.10 rate can be self-defined), to prevent second emulsion or turbid, to achieve best centrifugation result.

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.

Centrifuge Management System(Optional)

It can monitor 1 to 100 centrifuges through intelligent terminal (computer); Provide real-time connection with centrifuge with mobile APP; Built in help information in each interface; Make the centrifuge intelligent.



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