



FLOOR STANDING LOW SPEED REFRIGERATED CENTRIFUGE BKB-3901

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LOW SPEED REFRIGERATED CENTRIFUGE



Large capacity

Up to 6x2400ml capacity, it can separate 14.4L samples in one cycle, which greatly improves production efficiency.

Safe Structure

The overall centrifuge for blood bags has passed MCA (Maximum Credible Accident test)

After MCA is generated, the centrifuge door lid shall not be opened, and no solid greater than 0.5mm shall blown out of the centrifuge chamber, the position movement shall not exceed 30cm, ensuring the personal safety of the instrument operator to the greatest extent. (MCA test video can be provided)

Extensible

The system adopts a unified and standard Ethernet communication interface and pr

SPECIFICATIONS

Model	BKB-3901
Max. Speed	7200rpm
Max. RCF	12166xg
Max. Capacity	6x1000ml
Angle Rotor Max. Speed	7200rpm
Angle Rotor Max. RCF	12166xg
Angle Rotor Max. Capacity	6x1000ml
Swing Rotor Max. Speed	4000rpm
Swing Rotor Max. RCF	5600xg
Swing Rotor Max. Capacity	6x2400ml(12x400ml or 24x200ml blood bags)
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 reaching setting speed, Continuous timing, Operation at an appointed time
Temperature Setting Range	-20°C to 40°C, Step 1°C adjustable; the fast pre-cooling temperature can reach -20°C
Sample Temperature Accuracy	Ensure sample(liquid) temperature accuracy is controlled to ±1°C
Pre-cooling Function	Yes
Temperature Accuracy	±2°C
Imbalance Protection	Yes
Rotor Identification	Yes
Compressor Unit	High Performance Compressor Unit; Environment-friendly refrigerant(R404a)
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	AC220V±22V 50Hz
Power Consumption	7.0kW
Dimension (WxDxH)	870x1020x970mm
Packing Dimension (WxDxH)	1080x1310x1340mm
Net Weight	545kg
Alt Name	Low Speed Refrigerated Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Max. Speed	Max. RCF	Max. Capacity
1	Angle Rotor	7200	12166	6x1000ml
2	Adapter	7200	12166	6x500ml
3	Adapter	7200	12166	6x250ml
4	Adapter	7200	12166	24x50ml
5	Adapter	7200	12166	24x50ml(conical)
6	Swing Rotor Yoke	4000	5600	6x2400ml
7	Rectangular buckets	4000	5600	6x2400ml
8	Blood bag adapter	4000	5600	6x2x450ml
9				6x3x300ml
10				6x2x500ml
11	Swing Rotor Yoke	4000	5000	6x2x1000ml
12	Double positions round buckets			6x2x1000ml

FEATURES

Large capacity

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Extensible

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

Programmable

Save up to 2000 user-defined programs. 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 a second emulsion or turbid, and achieve the 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 touching the key. For the online monitoring of temperature and speed, the stability of temperature and speed during spinning can be viewed through the curve.

Powerful System Setting Function

Running data, error code records, and operation records can be stored through the system setting. Chinese / English operation language is optional. And user authority management and other characteristic functions can be managed as well.

Reliable Material

Centrifuge chamber adopt 2mm thick 316L stainless steel, Housing (3mm Q235 steel), Containment (22mm Q235 steel), Diaphragm indoor lid (2.5mm Q235 steel)

Energy saving

Dynamic compressor control (DCC) technology for optimized cooling performance. When the door lid is opened, the compressor is closed or the sleep time can be set to save energy. Rotor with windshield, little friction, and generates little heat.

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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