



FLOOR STANDING HIGH SPEED REFRIGERATED CENTRIFUGE BKB-3201

HIGH SPEED REFRIGERATED CENTRIFUGE BKB-3201

HIGH SPEED REFRIGERATED CENTRIFUGE



Max speed up to 25000r/min, Max RCF up to 64800xg (with NO.1 Rotor)
Automatic rotor identification, automatic over-speed protection for added safety.
Automatic storage of main machine and rotor operating parameters, automatic calculation of rotor service life, and alarm.
Directly driven by a high-torque variable frequency motor, with large starting torque and short acceleration time.
Equipped with multiple protection against imbalance, over-temperature, over-speed, to ensure user's safety as well as instrument.
Super powerful control system, offering step centrifugation, scheduled start, sample ID, curve mode, program mode, multi-language selection and other functions
All aluminum alloy rotors are forged with 7075-T6 aviation grade aluminum alloy,

SPECIFICATIONS

Model	BKB-3201
Max. Speed	25000rpm
Max. RCF	64800xg
Max. Capacity	4x1000ml
Angle Rotor Max. Speed	25000rpm
Angle Rotor Max. RCF	64800xg
Angle Rotor Max. Capacity	4x750ml
Swing Rotor Max. Speed	4000rpm
Swing Rotor Max. RCF	3500xg
Swing Rotor Max. Capacity	4x750ml
Speed Accuracy	±10r/min
Time Setting Range	1min to 99h 59min
Timing Mode	Start timing after spinning, Start timing after reach setting speed, Short spinning or 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	±1°C
Steps Centrifugation	Yes
Compressor Unit	High Performance Compressor Unit; Environment-friendly Refrigerant(R404a)
Drive system	High torque brushless motor
Power Supply	AC220V±22V, 50Hz
Power Consumption	5kW
Noise	≤65dB(A)
Dimension (WxDxH)	730*930*960mm(L*W*H)
Packing Dimension (WxDxH)	880*1120*1180mm(L*W*H)
Weight	260kg
Alt Name	High Speed Refrigerated Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Max. Speed	Max. RCF	Max. Capacity
1	Angle Rotor	25000	64800	24x1.5/2.2ml
2	Angle Rotor	23000	60460	18x10ml
3	Angle Rotor	21000	52356	8x50ml
4	Angle Rotor	21000	52356	8x50ml(titanium alloy)
5	Angle Rotor	21000	52356	8x50ml(Carbon Fibre)
6	Angle Rotor	15000	33800	4x250ml
7	Adapter	15000	33800	4x9x1.5ml
8				4x5x10ml
9				4x5x15ml(conical)
10				4x50ml(round)
11				4x50ml(conical)
12				4x100ml(round)
13	Angle Rotor	14000	30070	6x250ml
14	Angle Rotor	14000	30070	6x250ml(Carbon Fibre)
15	Angle Rotor	10000	17700	6x500ml
16	Angle Rotor	10000	17700	6x500ml(Carbon Fibre)
17	Angle Rotor	8000	12040	4x1000ml
18	Angle Rotor	22000	54706	30x1.5/2.0ml
19	Angle Rotor	18000	36220	12x15ml(conical)
20	Swing Rotor	10000	15680	6x50ml(with windshiled)
21	Angle Rotor	14000	30070	12x50ml(conical)
22	Swing Rotor Yoke	4000	3500	4x750ml
23	Round buckets			
24	Swing Rotor Yoke	4000	3500	4x750ml
25	Round buckets(aerosol-tight)			
26	Swing Rotor Yoke	4000	3345	4x1x96 well deep 4x2x96 well
27	Microplate Buckets			
28	Swing Rotor Yoke	4000	3345	4 rectangular buckets
29	Rectangular buckets			
30	Swing Rotor Yoke	4000	3345	4x500ml rectangular
31	Rectangular buckets(aerosol-tight)			
32	Swing Rotor Yoke	4000	3345	4x500ml
33	Round buckets			
34	Swing Rotor Yoke	4000	3345	4x500ml
35	Round buckets(aerosol-tight)			

FEATURES

Max speed up to 25000r/min, Max RCF up to 64800xg (with NO.1 Rotor)

Automatic rotor identification, automatic over-speed protection for added safety.

Automatic storage of main machine and rotor operating parameters, automatic calculation of rotor service life, and alarm.

Directly driven by a high-torque variable frequency motor, with large starting torque and short acceleration time.

Equipped with multiple protection against imbalance, over-temperature, over-speed, to ensure user's safety as well as instrument.

Super powerful control system, offering step centrifugation, scheduled start, sample ID, curve mode, program mode, multi-language selection and other functions

All aluminum alloy rotors are forged with 7075-T6 aviation grade aluminum alloy, the surface is hard oxidation, with thick oxide layer and strong corrosion resistance.

Data records: Data traceability management, running history records, diagnosis records can be checked on the screen or exported by USB port and saved to the relevant storage device, which can ensure the data integrity.

7-inch touchscreen interface with bright, highly visible, and durable display simplifies run set-up. The setting parameters and running parameters can be displayed simultaneously.

Choose from 13 optional rotors to find the ideal fit for your application.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com