



BENCHTOP HIGH SPEED CENTRIFUGE BJT-1001

HIGH SPEED CENTRIFUGE BJZ-1001

BENCHTOP HIGH SPEED CENTRIFUGE



1. Patented Rotor Material: Equipped with a self-developed NCP carbon nano nylon composite patented rotor. A 10-year R&D achievement, it features light weight, high strength, low thermal conductivity and outstanding corrosion resistance.
2. Powerful Performance: Max speed up to 20000rpm, maximum RCF up to 29060xg, speed accuracy ± 10 rpm. Operating noise ≤ 60 dB for a quiet working environment.
3. Sturdy & Compact Body: Integrally stamped with T45 high-strength steel for solid structure.
4. Compact dimension 67x47x31cm saves lab bench space greatly.
5. Intelligent Operation: Equipped with HD touch screen. Supports 99 custom programs and optional USB data export. 10-level acceleration & deceleration control, soft start & stop prevents sample re-mixing.
6. Multiple Centrifugation Modes: Built-in differential time, gradient, inching and timing functions. Wide timing range to fit diverse experimental requirements.

SPECIFICATIONS

Model	BJZ-1001
Max. Speed	20000rpm
Max. RCF	29060xg
Max. Capacity	4x250ml
Speed Accuracy	± 10 rpm
Power Supply	AC 220+22V50Hz 10A
Timer Range	1s-99min59s/1min-99h59min
Total Power	700W
Net Weight	38kg
Dimensions	55x47x31(cm)
Alt Name	High Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	name	Capacity (ml)	Max. Speed (rpm)	Max. RCF (xg)	Centrifugal Angle
1	Fixed Angle Rotor	12x1.5/2ml	18500	27100	45°
2	Fixed Angle Rotor	24x1.5/2ml	15000	22387	45°
3	Fixed Angle Rotor	36x1.5/2ml	15000	22262	45°
4	Fixed Angle Rotor	48x1.5/2ml	12000	16260	45°
5	Fixed Angle Rotor	18x5ml(round bottom)	15000	24148	45°
6	Fixed Angle Rotor	12x10ml(round bottom)	13000	20500	45°
7	Fixed Angle Rotor	12x15ml(sharp bottom)	12000	18594	45°
8	Fixed Angle Rotor (adapter for 12x15ml)	12x5ml(round bottom)	12000	18594	
9	Fixed Angle Rotor	6x50ml(sharp/round bottom)	12000	17146	30°
10	Fixed Angle Rotor (adapter for 6x50ml)	6x15ml(sharp bottom)	12000	17146	
11	Fixed Angle Rotor	6x10ml(round bottom)	12000	17146	
12	Fixed Angle Rotor	6x100ml(round bottom)	11000	15354	30°
13	Fixed Angle Rotor (adapter for 6x100ml)	6x50ml(sharp bottom)	11000	15354	
14	Fixed Angle Rotor	6x15ml(sharp bottom)	11000	15354	
15	Fixed Angle Rotor	6x3x10ml(round bottom)	11000	15354	
No	name	Capacity (ml)	Max. Speed (rpm)	Max. RCF (xg)	Rotor Image

1	Swing Out Rotor	4x120ml	4000	2683	
2	Swing Out Rotor (adapter for 4x120ml)	4x50ml	4000	2683	
3	Swing Out Rotor	8x15ml+8x1.5ml	4000	2683	
4	Swing Out Rotor	4x250ml(round bottom)	4000	3100	
5	Swing Out Rotor (adapter for 4x250ml)	4x4x50ml(sharp bottom)	4000	3100	
6	Swing Out Rotor	4x8x15ml(sharp bottom)	4000	3100	
7	Swing Out Rotor	4x8x10ml(round bottom)	4000	3100	
8	Swing Out Rotor	4x14x5ml(round bottom)	4000	3100	
9	Swing Out Rotor	4x14x1.5/2ml(sharp bottom)	4000	3100	
10	Swing Out Rotor	4x10x10ml(Collection tubes)	4000	3100	
11	Swing Out Rotor	4x18x5ml(Collection tubes)	4000	3100	
12	Swing Out Rotor	ELISA plate rotor 2x2x96 wells	4000	2300	

FEATURES

1. Patented Rotor Material: Equipped with a self-developed NCP carbon nano nylon composite patented rotor. A 10-year R&D achievement, it features light weight, high strength, low thermal conductivity and outstanding corrosion resistance.
2. Powerful Performance: Max speed up to 20000rpm, maximum RCF up to 29060xg, speed accuracy ± 10 rpm. Operating noise ≤ 60 dB for a quiet working environment.
3. Sturdy & Compact Body: Integrally stamped with T45 high-strength steel for solid structure.
4. Compact dimension 67x47x31cm saves lab bench space greatly.
5. Intelligent Operation: Equipped with HD touch screen. Supports 99 custom programs and optional USB data export. 10-level acceleration & deceleration control, soft start & stop prevents sample re-mixing.
6. Multiple Centrifugation Modes: Built-in differential time, gradient, inching and timing functions. Wide timing range to fit diverse experimental requirements.
7. Complete Safety Protection: Emergency door release for power failure protects samples effectively. Nano-ceramic coated chamber and anti-corrosion treated rotors ensure long service life.
8. Ergonomic Design: NCP rotor can be locked and unlocked with one turn for easy use.
9. Aerodynamic oval buckets reduce wind resistance and energy consumption. Dedicated buckets for microplate application.
10. Wide Compatibility: Various rotors and adapters available. Capacity covers 2-250ml, compatible with centrifuge tubes, blood collection tubes and 96-well microplates, ideal for cell, blood and other specimens.
11. Stable Operation: 3-stage rubber shock absorption and automatic balance system ensure smooth running.

APPLICATIONS

General Basic Lab Experiments: Ideal for biochemistry, basic molecular experiments, routine agricultural & forestry testing and teaching laboratories, for samples stable at room temperature.

Routine Clinical Testing: Widely used in hospitals, physical examination centers and CDC for routine blood separation, urine & saliva screening and regular sample retention.

Common Sample Separation: Capable of separating, layering and concentrating fixed specimens, crude extracts, ordinary bacterial liquid, standard tube samples and microplate samples.

Application Limitation: Only for samples stable at room temperature with low requirements on biological activity. Not recommended

for experiments requiring low-temperature protection.

Optimized for sample volumes from 2ml to 250ml, it efficiently performs centrifugation, layering, purification and separation for blood, serum, plasma, urine, saliva, cell suspension, tissue extracts, microorganisms, nucleic acids, proteins, agricultural & forestry samples, blood collection tube samples and 96-well microplate samples.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com