



BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE BJZ-501

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1. Patented Rotor: NCP carbon nano nylon composite rotor, lightweight, high-strength, corrosion-resistant and autoclavable, service life up to 8-10 years. Various large-capacity rotors reduce motor load and enable fast speed change for high-throughput processing.
2. Stable Cooling: Cools from 25°C to 4°C in 8 mins. An eco-friendly refrigerant ensures constant low temperature. Nano-ceramic coated chamber for anti-corrosion.
3. Flexible Functions: Adjustable acceleration/deceleration from 30s to 9min, 10-level speed control and soft start/stop prevent sample re-mixing. Multiple centrifugation modes available.
4. Full Safety: Solid T45 high-strength steel structure. Auto rotor recognition & alarm, emergency door release. 3-stage shock absorption for quiet and stable op

SPECIFICATIONS

Model	BJZ-501
Max. Speed	21000rpm
Max. RCF	35006xg
Max. Capacity	4x750ml
Speed Accuracy	±10rpm
Power Supply	AC 220+22V50Hz 10A
Net Weight	98kg
Temperature Accuracy	±1.0°C
Temperature Setting Range	-20°C~40°C
Timer Range	1s-99min59s/1min-99h59min
Total Power	1800W
Dimensions	65x64x38(cm)
Alt Name	High Speed Refrigerated Centrifuge

ACCESSORIES FOR PURCHASE

No	name	Capacity (ml)	Max. Speed (rpm)	Max. RCF (*g)	Centrifugal Angle
1	Fixed Angle Rotor	12x1.5/2ml	21000	35006	45°
2	Fixed Angle Rotor	6x50ml	10000	14000	45°
3	Fixed Angle Rotor (adapter for 6x50ml)	6x15ml(sharp bottom) 6x10ml(round bottom)	10000	14000	
4	Fixed Angle Rotor	6x50ml(sharp/round bottom)	12000	17146	30°
5	Fixed Angle Rotor (adapter for 6x50ml)	6x15ml(sharp bottom) 6x10ml(round bottom)	12000	17146	
6	Fixed Angle Rotor	6x100ml(round bottom)	11000	15354	30°
7	Fixed Angle Rotor (adapter for 6x100ml)	6x50ml(sharp bottom) 6x15ml(sharp bottom) 6x3x10ml(round bottom)	11000	15354	
8	Fixed Angle Rotor	12x50ml(sharp bottom)	8000	10626	30°
9	Fixed Angle Rotor (adapter for 12x50ml)	6x15ml(sharp bottom) 6x10ml(round bottom)	8000	10626	
10	Fixed Angle Rotor	6x250ml(round bottom)	8000	11840	30°

11	Fixed Angle Rotor (adapter for 6x250ml)	6x100ml(sharp bottom) 6x50ml(sharp bottom) 6x3x15ml(sharp bottom)	8000	11840	
No	name	Capacity (ml)	Max. Speed (rpm)	Max. RCF (*g)	
1	Swing Out Rotor		4000		
2	Swing Out Rotor	4x750ml	4000	3580	
3	Swing Out Rotor (adapter for 4x750ml)	4x500ml(sharp/round bottom) 4x250ml(sharp/round bottom) 4x3x100ml(round bottom) 4x7x50ml(sharp bottom) 4x14x15ml(sharp bottom) 4x14x10ml(round bottom) 4x21x5ml(round bottom) 4x26x1.5/2ml(sharp/round bottom) 4x14x10ml(Remove cap from blood collection tube) 4x21x5/7ml(Blood collection tubes)	4000	3580	
4	Swing Out Rotor	ELISA plate rotor 4x4x96 wells	4000	3040	

FEATURES

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2. Stable Cooling: Cools from 25°C to 4°C in 8 mins. An eco-friendly refrigerant ensures constant low temperature. Nano-ceramic coated chamber for anti-corrosion.
3. Flexible Functions: Adjustable acceleration/deceleration from 30s to 9min, 10-level speed control and soft start/stop prevent sample re-mixing. Multiple centrifugation modes available.
4. Full Safety: Solid T45 high-strength steel structure. Auto rotor recognition & alarm, emergency door release. 3-stage shock absorption for quiet and stable operation.
5. Smart Operation: HD touch screen, 99 custom programs, optional USB data export.
6. Space-saving: Compact footprint. Equipped with diverse rotors and adapters for all cell experiment needs.

APPLICATIONS

This high-throughput refrigerated centrifuge with a processing capacity ranging from 0.2ml to 750ml is widely used in hospital clinical laboratories, CDC, cell culture labs, biopharmaceutical and biochemical product R&D institutions.

It performs efficient separation for clinical blood, urine, saliva and other routine specimens, as well as blood collection samples for disease control. It is ideal for high-volume cell extraction, collection and purification, and purification of antibodies, biomacromolecules, bacteria and other active substances. It serves as a perfect device for high-throughput experiments in cell biology, biomedicine and clinical testing fields.



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