



BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE BJT-301

HIGH SPEED REFRIGERATED CENTRIFUGE BJZ-301

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This high & low speed refrigerated centrifuge is designed for comprehensive biological laboratory applications. It serves bioengineering, biochemistry, molecular biology, genetics research, agricultural and forestry breeding, hospitals, pharmaceutical R&D, disease control centers, and professional testing laboratories.

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



1. Patented Rotor Material: Self-developed NCP carbon nano nylon composite rotor featuring light weight, high strength, low thermal conductivity and outstanding corrosion resistance.
2. Precise Refrigeration & Temperature Control: Temperature range from -20°C to 40°C with accuracy of $\pm 1.0^{\circ}\text{C}$; cools from 25°C to 4°C within 6 minutes using eco-friendly refrigerant.
3. Powerful Performance: Maximum speed 20000rpm, maximum RCF 29060xg, speed accuracy $\pm 10\text{rpm}$; operating noise $\leq 60\text{dB}$.
4. Sturdy & Compact Body: Integrally stamped with T45 high-strength steel; compact dimensions 67x47x31cm.
5. Intelligent Operation: HD touch screen, 99 custom programs, USB data export, 10-level acceleration & deceleration control.

SPECIFICATIONS

Model	BJZ-301
Max. Speed	20000rpm
Max. RCF	29060xg
Max. Capacity	4x250ml
Speed Accuracy	$\pm 10\text{rpm}$
Power Supply	AC 220+22V 50Hz 10A
Net Weight	65kg
Temperature Accuracy	$\pm 1.0^{\circ}\text{C}$
Temperature Setting Range	-20°C~40°C
Timer Range	1s-99min59s/1min-99h59min
Total Power	1200W
Dimensions	63x47x34(cm)
Alt Name	Benchtop High Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	name	Capacity (ml)	Max. Speed (rpm)	Max. RCF (xg)	Centrifugal Angle
1	Angle Rotor	12x1.5/2ml	18500	27100	45°
2	Angle Rotor	24x1.5/2ml	15000	22387	45°
3	Angle Rotor	36x1.5/2ml	15000	22262	45°
4	Angle Rotor	48x1.5/2ml	12000	16260	45°
5	Angle Rotor	18x5ml (round bottom)	15000	24148	45°
6	Angle Rotor	12x10ml (round bottom)	13000	20500	45°

7	Angle Rotor	12x15ml (sharp bottom)	12000	18594	45°
8	Angle Rotor	12x5ml (round bottom)	12000	18594	
9	Angle Rotor	6x50ml (sharp/round bottom)	12000	17146	30°
10	Angle Rotor	6x15ml (sharp bottom)	12000	17146	
11	Angle Rotor	6x10ml (round bottom)	12000	17146	
12	Angle Rotor	6x100ml (round bottom)	11000	15354	30°
13	Angle Rotor	6x50ml (sharp bottom)	11000	15354	
14	Angle Rotor	6x15ml (sharp bottom)	11000	15354	
15	Angle Rotor	6x3x10ml (round bottom)	11000	15354	

No	name	Capacity (ml)	Max. Speed (rpm)	Max. RCF (xg)	Rotor Image
1	Swing Out Rotor	Horizontal disk rotor 8x15ml (sharp bottom)	4000	2200	
2	Swing Out Rotor	Horizontal disk rotor 16x15ml (sharp bottom)	4000	2200	
3	Swing Out Rotor	4x120ml	4000	2683	
4	Swing Out Rotor	4x50ml	4000	2683	
5	Swing Out Rotor	8x15ml+8x1.5ml	4000	2683	
6	Swing Out Rotor	4x250ml (round bottom)	4000	3100	
7	Swing Out Rotor	4x4x50ml (sharp bottom)	4000	3100	
8	Swing Out Rotor	4x8x15ml (sharp bottom)	4000	3100	
9	Swing Out Rotor	4x8x10ml (round bottom)	4000	3100	
10	Swing Out Rotor	4x14x5ml (round bottom)	4000	3100	
11	Swing Out Rotor	4x14x1.5/2ml (sharp bottom)	4000	3100	
12	Swing Out Rotor	4x10x10ml (Collection tubes)	4000	3100	
13	Swing Out Rotor	4x18x5ml (Collection tubes)	4000	3100	
14	Swing Out Rotor	ELISA plate rotor 2x2x96 wells	4000	2300	

FEATURES

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3. Powerful Performance: Maximum speed 20000rpm, maximum RCF 29060xg, speed accuracy $\pm 10\text{rpm}$; operating noise $\leq 60\text{dB}$.
4. Sturdy & Compact Body: Integrally stamped with T45 high-strength steel; compact dimensions 67x47x31cm.
5. Intelligent Operation: HD touch screen, 99 custom programs, USB data export, 10-level acceleration & deceleration control.
6. Multiple Centrifugation Modes: Differential time, gradient, inching and timing functions with wide timing range.
7. Complete Safety Protection: Emergency door release, nano-ceramic coated chamber, anti-corrosion treated rotors.
8. Ergonomic Design: NCP rotor locks/unlocks with one turn; aerodynamic oval buckets; dedicated microplate buckets.
9. Wide Compatibility: Various rotors and adapters; capacity covers 2-250ml; compatible with centrifuge tubes, blood collection tubes and 96-well microplates.
10. Stable Operation: 3-stage rubber shock absorption and automatic balance system.



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