



LABORATORY LOW SPEED REFRIGERATED CENTRIFUGE BET-1201

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BET-1201

ULTRA LARGE CAPACITY REFRIGERATED CENTRIFUGE



- Mitsubishi PLC, Weinview touch screen and a high-torque variable frequency AC motor are used to ensure the stable operation with low noise and create a comfortable laboratory environment.
- Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a, allowing for a wide temperature control range: -20°C to +40°C (can be set during operation); pre-cooling function (quickly cool down to the set temperature); standby cooling function (maintain the set temperature in the standby state); heating and defrosting function.
- Early warning functions such as overspeed, overheating, imbalance, undervoltage, and overvoltage warnings; three-stage damping shock absorber, a specially combined shock absorbing device to ensure the motor runs smoothly and safely and prevent samples from resuspending, thus securing excellent centrifugal effect.

SPECIFICATIONS

Model	BET-1201
Max capacity	6x2,400mL
Max speed	8,000r/min
Max RCF	14,380xg
Speed accuracy	±30r/min (customizable, multiples of 10)
Refrigeration system	Imported fluorine-free refrigeration compressor unit and eco-friendly refrigerant R404a
Temperature control range	-20°C~+40°C
Temperature control accuracy	±1°C
Number of running programs	16
Control and drive system	High torque variable frequency AC motor, microcomputer control
Total power	6.0kW
Timer range	1min-99h59min59s, with continuous centrifugation and instantaneous centrifugation
Noise	≤70dB (A)
Weight	450kg
Dimensions (LxWxH)	870mmx1,090mmx1,010mm
Alt Name	Ultra Large Capacity Refrigerated Centrifuge

ITEMS INCLUDED

No	Name	Description
1	Swing-out rotor 12x1,000mL	Max RPM: 4,200r/min Max RCF: 5,680xg



1

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Cable fiber fixed-angle rotor 6x1,000mL	Max RPM: 8,000r/min Max RCF: 14,380xg
2	Swing-out rotor 6x2,400mL	Max RPM: 4,000r/min Max RCF: 5,653xg
3	Carbon fiber hood	The carbon fiber hood is lightweight and has high strength, corrosion and temperature resistance. It is press formed through high temperature stamping with precise size to perfectly cover the rotor.



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FEATURES

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- Early warning functions such as overspeed, overheating, imbalance, undervoltage, and overvoltage warnings; three-stage damping shock absorber, a specially combined shock absorbing device to ensure the motor runs smoothly and safely and prevent samples from resuspending, thus securing excellent centrifugal effect.
- Touch control mode for displaying both the set parameters and running parameters, with an intuitive, simple, and easy-to-use interface; operation menu in multiple languages (Chinese, English).
- Stainless steel centrifugal chamber equipped with an all-steel plastic-sprayed housing, integrally formed stamping steel front cover, and a three-layer steel protective cover, which is sturdy and durable to ensure the safety of operators and labs.
- The hood made of carbon fiber material with top-notch strength and details, is lightweight, reliable and patented.
- Easy-to-use mechanical locks suitable for various harsh environments (gently close the door, and the locking system will be triggered to lock the door securely).
- 12 levels speed-up and speed-down control; storage of up to 16 sets of user-defined programs; modification of control parameters of the running rotor at any time; display of speed rise and fall curve, centrifugal integral curve, and temperature curve.
- Casters and carbon steel caster adjustment blocks at the bottom for easy movement and level adjustment of the device.
- CFDA registration and production qualification, with ISO 9001 (2015) and ISO 13485 (2016) certifications.

APPLICATIONS

With a capacity of 6x2,400mL, this centrifuge can separate 18 bags of 200mL whole blood or 12 bags of 400mL blood at one time. It is an ideal instrument for sample separation, precipitation, concentration, and preparation, mainly used in fields such as biochemistry, medical and health, food and safety, life science, agriculture and forestry science, animal husbandry science, blood bank, blood center, biological products, and pharmaceutical products. It is a high-tech product that aims to replace imported instruments and be exported in large quantities.



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