



LABORATORY HIGH SPEED CENTRIFUGE BET-1502

LABORATORY HIGH SPEED CENTRIFUGE BET-1502

HIGH SPEED REFRIGERATED CENTRIFUGES



- 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-1502
Max capacity	4x1,000mL
Max speed	21,000r/min
Max RCF	53,741xg
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
Timer range	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation
Rotor recognition	Auto rotor identification
Noise	≤65dB(A)
Total power	4.0kW
Weight	240kg
Dimensions (LxWxH)	710mmx910mmx950mm
Alt Name	High Speed Refrigerated Centrifuges

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Fixed-angle Rotor 30x1.5mL	Max RPM: 21,000r/min Max RCF: 53,741xg
2	Fixed-angle Rotor 16x10 mL	Max RPM: 21,000r/min Max RCF: 48811xg
3	Fixed-angle Rotor 20x15mL (conical-bottom)	Max RPM: 14,000r/min Max RCF: 26295xg
4	Fixed-angle Rotor 6x50ml (conical-bottom)	Max RPM: 20,000r/min Max RCF: 41,589xg
5	Fixed-angle Rotor 6x50mL (round-bottom)	Max RPM: 21,000r/min Max RCF: 46,346xg
6	Fixed-angle Rotor 8x50mL (round-bottom)	Max RPM: 16,000r/min Max RCF: 28,048xg

7	Fixed-angle Rotor 8x50ml (conical-bottom)	Max RPM: 16,000r/min Max RCF: 30,052xg
8	Fixed-angle Rotor 8x100mL (round-bottom)	Max RPM: 14,000r/min Max RCF: 25,637xg
9	Fixed-angle Rotor 6x250mL	Max RPM: 13,000r/min Max RCF: 25,508xg
10	Fixed-angle Rotor 6x500mL	Max RPM: 8,000r/min Max RCF: 11,377xg
11	Fixed-angle Rotor 6x500mL (imported bottle)	Max RPM: 10,000r/min Max RCF: 17,776xg
12	Cable fiber fixed-angle rotor 6x500mL (imported bottle)	Max RPM: 11,000r/min Max RCF: 21509xg
13	Fixed-angle Rotor 4x1,000mL	Max RPM: 8,000r/min Max RCF: 12,594xg
14	Continuous flow rotor 1000mL	Max RPM: 14,000r/min Max RCF: 21,475xg
15	Continuous flow rotor 3000mL	Max RPM: 8,000r/min Max RCF: 9,445xg
16	Swing-out rotor 4x750ml	Max RPM: 4,000r/min Max RCF: 3,536xg
17	Microplate Rotor 4x2x96 holes	Max RPM: 4,000r/min Max RCF: 3166xg



FEATURES

- 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.
- 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.
- Biosafety air-tight fix-angle rotor adopting an integral silicone rubber sealing ring (EU RoHS 2015/863) to avoid aerosol overflow and fully ensure the safety of operators and lab environments.

- 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.
- 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.
- Multi-specification forged aerospace aluminum rotors (fix-angle rotors only) and a variety of optional polyamide fiber adapters, suitable for 1.5mL to 1,000mL centrifuge tubes or reagent bottles.
- 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.



Biolab Scientific Ltd.

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