



LABORATORY LOW SPEED CENTRIFUGE BCBLS-102

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BENCHTOP LOW SPEED CENTRIFUGES



- With single-chip microcomputers, self-developed control boards and high-torque DC brushless motors, these concentrators can run stably with lower noise, allowing for a comfortable laboratory environment.
- Early warning functions such as overspeed, overheating, imbalance, and the specially combined vibration absorbing device ensure the motor runs smoothly and safely and prevent samples from resuspending, securing optimal centrifugal effect.
- A wide voltage range design of 100V~230V improves the adaptability of the centrifuge to voltage (optional).
- TFT-LCD true color display screen, dual operation modes of touch screen and physical keys, and special keys for centrifugal force display, display of the set parameters and operating parameters at the same time, modification of parameters at any time during operation without interruption; intuitive, simple, and easy-

SPECIFICATIONS

Model	BCBLS-102
Max RCF	2,650xg
Max capacity	4x100ml
Max speed	4,000r/min
Timer range	1min~99h59min59s, with continuous centrifugation and instantaneous centrifugation
Speed accuracy	±30r/min (customizable, multiples of 10)
Control and drive system	High torque AC brushless motor, microcomputer control
Total power	200W
Noise	≤60dB(A)
Power supply	AC220V50Hz
Weight	20kg
Dimensions (LxWxH)	500mmx470mmx280mm
Alt Name	Benchtop Low Speed Centrifuges

ITEMS INCLUDED

No	Name	Description
1	Fixed-angle Rotor 6x50ml	Max RPM: 4,000r/min Max RCF: 1,930xg
2	Swing-out rotor 4x50ml	Max RPM: 4,000r/min Max RCF: 2,650xg
3	Swing-out rotor 4x100ml	Max RPM: 4,000r/min Max RCF: 2,460xg



FEATURES

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- TFT-LCD true color display screen, dual operation modes of touch screen and physical keys, and special keys for centrifugal force display, display of the set parameters and operating parameters at the same time, modification of parameters at any time during operation without interruption; 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.
- Grade 304 austenitic stainless steel centrifugal chamber at the rear 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.
- Silent, easy-to-use mechatronics motor door lock (gently close the door, and the locking system will be triggered to lock the door securely).
- 10 levels speed-up and speed-down control; storage of up to 20 sets of user-defined programs; easy calling of frequently used programs (the last used programs are called when the device is powered on).
- CFDA registration and production qualification, with ISO 9001 (2015) and ISO 13485 (2016) certifications.

APPLICATIONS

With excellent safety performance, superior quality and high-performance cost ratio, these centrifuges are routine equipment for separating and preparing suspensions. They are basic laboratory centrifugal instruments used in all kinds of laboratories, hospitals at all levels and universities, etc.



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