BioLAB

PRODUCT CATALOG

BENCHTOP LOW SPEED CENTRIFUGE BCBL-206

CE ISO9001 CERTIFIED

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LOW SPEED CENTRIFUGE BCBL-206

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, 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.
• 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

SPECIFICATIONS

Model	BCBL-206
Max. Speed	5500rpm
Max. RCF	4800xg
Max. Capacity	4x250ml
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
Noise	≤65dB(A)
Power supply	AC220V50Hz
Total power	500W
Weight	35kg
Dimensions (LxWxH)	600x540x360mm
Alt Name	Benchtop Low Speed Centrifuges

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Fixed-angle Rotor	Max RPM: 5,500r/min Max RCF: 3,140xg
2	Swing-out rotor	Max RPM: 5,000r/min Max RCF: 4,800xg
3	Tube rack 5mL (ordinary tube)	Number of centrifuges: 5mLx48 holes Max r/min: 4,000r/min Max RCF: 2,360xg
4	Tube rack 5mL (blood collection tube)	Number of centrifuges: 5mLx48 holes Max r/min: 4,000r/min Max RCF: 2,830xg
5	Tube rack 15mL	Number of centrifuges: 15mLx16 holes Max RPM: 5,000r/min Max RCF: 4,620xg

6	Tube rack 10/15mL	Number of centrifuges: 15mLx24 holes Max RPM: 4,000r/min Max RCF: 2,960xg
7	Tube rack 15mL	Number of centrifuges: 15mLx32 holes Max RPM: 4,000r/min Max RCF: 2,960xg
8	Tube rack 50mL	Number of centrifuges: 50mLx4 holes Max RPM: 5,000r/min Max RCF: 4,600xg
9	Tube rack 50mL	Number of centrifuges: 50mLx8 holes Max RPM: 4,000r/min Max RCF: 2,960xg
10	Tube rack 100mL	Number of centrifuges: 100mLx4 holes Max RPM: 5,000r/min Max RCF: 4,800xg
11	Tube rack 100mL	Number of centrifuges: 100mLx8 holes Max RPM: 4,000r/min Max RCF: 3,070xg
12	Swing-out rotor	Max RPM: 4,000r/min Max RCF: 3,020xg
13	Swing-out rotor 4x250ml	Max RPM: 4,000r/min Max RCF: 2,840xg
14	Swing-out rotor 2x2x96 holes	Max RPM: 4,000r/min Max RCF: 2,360xg

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FEATURES

• 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, 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.

• 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.

• A wide voltage range design of 100V~230V improves the adaptability of the centrifuge to voltage.

• 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).

• Paired with forged aerospace aluminum rotors (fix-angle rotors only) and a variety of optional polyamide fiber adapters, the centrifuges are suitable for 0.2mL to 250mL centrifuge tubes or reagent bottles and are able to centrifugate all types of MTP microplates, PCR plates, cell culture plates and deep well plates.

• CFDA registration and production qualification, with ISO 9001 (2015) and ISO 13485 (2016) certifications.

APPLICATIONS

Favored by our customers, this is one of the best-selling models of Herexi Instrument. Paired with a variety of buckets and adapters, they are ideal for clinical testing and laboratory analysis. They are widely used in experiments and scientific research in the fields of biology, chemistry, medicine, agriculture and forestry, food safety, blood stations, clinical trials, etc.

MORE INFO

Tube rack	Adapter
10mL	1x1.5/2mL, 1x5mL
15mL	1x1.5/2mL, 1x5mL, 1x10mL
50mL	3x1.5/2mL, 1x5mL, 1x10mL, 1x10mL, 1x15mL, 1x20mL, 1x30mL
100mL	3x1.5/2mL, 4x5mL, 1x50mL
250mL	12x1.5/2mL, 9x5mL, 7x10mL, 1x50mL, 1x100mL

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