



## LABORATORY LOW SPEED CENTRIFUGE BET1L1

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## BENCHTOP LOW SPEED CENTRIFUGE










- The new XIUI3.0 OS features microcomputer control, programmable operations, and direct drive by a maintenance-free high-torque DC brushless motor for stable running.
- A 7" wide-angle LCD touch screen is for digital input and simple to operate. It can display set and run parameters in real time. It comes with an atmosphere light with seven colors available for enhancing the user experience. The all-steel housing is treated with corrosion-resistant orange peel fine wrinkles showing full lines, featuring an industrial human-machine design that shows a sense of safety while being visually appealing, and allowing a high recognition rate.
- They feature multiple audio/visual early warning protection functions for overspeed, over temperature, imbalance, wrong operation, overcurrent, and overvoltage. The fluorosilicone rubber sealing ring, resistant to hydrogen, oil, acids and

## SPECIFICATIONS

Model	BET1L1
Max capacity	4x100ml
Max speed	4,000r/min
Max RCF	2656xg
Speed accuracy	±20r/min (customizable, multiples of 10)
Control and drive system	Microcomputer control, maintenance-free large-torque DC brushless motor
Display mode	7" wide-angle LCD display
Operation mode	Touch control (with local control option)
Gears up/down	10 gears
Timer range	1s-99h59min59s, with continuous centrifugation and instantaneous centrifugation
Total power	0.2kW
Noise	≤60dB(A)
Power supply	AC220V 50Hz
Weight	23kg
Dimensions (LxWxH)	350mmx460mmx280mm
Alt Name	Benchtop Low Speed Centrifuge

## ACCESSORIES FOR PURCHASE

No	Name	Description
1	Fixed-angle Rotor 18x10mL	Max RPM: 4,000r/min Max RCF: 2,240xg
2	Fixed-angle Rotor 24x10mL	Max RPM: 4,000r/min Max RCF: 2,320xg
3	Fixed-angle Rotor 12x15mL	Max RPM: 4,000r/min Max RCF: 2304xg
4	Fixed-angle Rotor 8x20mL	Max RPM: 4,000r/min Max RCF: 1824xg
5	Fixed-angle Rotor 12x20 mL	Max RPM: 4,000r/min Max RCF: 2304xg
6	Fixed-angle Rotor 6x50ml	Max RPM: 4,000r/min Max RCF: 1936xg
7	Swing-out rotor 4x50ml	Max RPM: 4,000r/min Max RCF: 2656xg

8	Swing-out rotor 4x100ml			Max RPM: 4,000r/min Max RCF: 2464xg	
					
	1	2	3	4	5
					
	7	8			

## FEATURES

- The new XIUI3.0 OS features microcomputer control, programmable operations, and direct drive by a maintenance-free high-torque DC brushless motor for stable running.
- A 7" wide-angle LCD touch screen is for digital input and simple to operate. It can display set and run parameters in real time. It comes with an atmosphere light with seven colors available for enhancing the user experience. The all-steel housing is treated with corrosion-resistant orange peel fine wrinkles showing full lines, featuring an industrial human-machine design that shows a sense of safety while being visually appealing, and allowing a high recognition rate.
- They feature multiple audio/visual early warning protection functions for overspeed, over temperature, imbalance, wrong operation, overcurrent, and overvoltage. The fluorosilicone rubber sealing ring, resistant to hydrogen, oil, acids and alkalis, is capable of long-time use at the temperature from -55°C to +200°C. The aesthetically pleasing and hermetically thermoformed inner panel of the cabin door can dually prevent aerosol spillage. The 304 stainless steel seamless corrosion-resistant centrifuge chamber and steel cylinder sleeve are designed with a sound-absorbing air duct.
- The door cover has an electronic lock allowing for one-button opening. The gas spring hydraulic rod makes it easy and convenient for the door cover to close. In case of shutdown or power outage, the door cover can be manually opened.
- There are 10 gears for acceleration/deceleration and two-stage damping for shock absorption, ensuring stable sample operation without resuspension. They can store 99 groups of programs, with parameters modifiable during operation without the need to stop, and current parameters being automatically saved. They can be programmable according to user needs for point control, timing, differential timing, density, and gradient centrifugation, thus meeting diverse experimental requirements.
- These products are supported by certifications including ISO 9001 (2015); ISO 13485 (2016); ISO 14001 (2015); ISO 45001 (2018); and CFDA registration and production qualification.

## 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



**Biolab Scientific Ltd.**

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)