



Benchtop High Speed Refrigerated Centrifuge (BL-TGL-18)

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BL-TGL-18 Benchtop High-Speed Refrigerated Centrifuge is a versatile laboratory equipment designed for high-speed centrifugation applications. It offers precise temperature control, a wide range of speed settings, and advanced safety features to ensure reliable and efficient performance.



Highlights

- ◆ Speed: Maximum speed of 18000rpm
- ◆ Capacity: 6*100ml
- ◆ Refrigeration: $\pm 1^{\circ}\text{C}$ temperature accuracy, -20°C to 40°C temperature range

The BL-TGL-18 Benchtop High-Speed Refrigerated Centrifuge is a high-performance instrument equipped with a maximum speed of 18000 rpm. It features a dual-screen interface for easy programming and monitoring, allowing for real-time display of status and values. The BL-TGL-18 offers the convenience of direct RCF setting and the ability to store up to 12 programs for efficient workflow.



Features

- ◆ Dual Screen Interface: LCD & LED screens with a user-friendly, clear interface.
- ◆ Real-Time Display: Intelligent status display for live data and values.
- ◆ Direct RCF Setting: Allows setting RCF without RPM/RCF conversion.
- ◆ Program Storage: Capability to store and recall 12 programs for efficiency.
- ◆ Acceleration and Deceleration: 40 levels for controlled speed transitions, preventing sample disruption.
- ◆ Timer Range: Programmable timer from 1 minute to 99 hours 59 minutes in 1-second increments.
- ◆ Operational Flexibility: Allows parameter adjustments during operation for adaptability.
- ◆ Refrigeration System: Includes an imported compressor unit, CFC-free refrigerant, and precise heating and cooling control for $\pm 1^{\circ}\text{C}$ temperature accuracy.
- ◆ Temperature Range: Maintains temperatures from -20°C to 40°C , accommodating diverse sample requirements.
- ◆ Safety Measures: Electric door lock, emergency lid-lock release, lid opens only when completely stopped, and hydraulic rod support for added safety.
- ◆ Imbalance Detection: Utilizes a three-axis gyroscope for real-time monitoring of spindle vibration.





Specifications

Model	BL-TGL-18
Max Speed	18000rpm
Max RCF	22500Xg
Max Capacity	6*100ml
Speed Accuracy	±10rpm
Temp. range	-20°C~40°C
Temp. Accuracy	±1°C
Timer range	1min-99H59m/Inching
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension (L*W*H) mm	420*625*360
Weight	55kg
Power	1200W
Motor	Variable frequency motor
Display	LCD&LED
Automatic rotor identification	Yes
Imbalance detection	Yes
RCF can be set directly	Yes
Can reset parameters under operation	Yes
RCF can be set directly	Yes
Can store programs	12 programs
Adjustable acceleration and deceleration rate	40 levels
Housing material	Steel
Chamber material	Stainless steel

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Accessories

BL-TGL-20-R1	12 x 1.5 /2.2 ml
BL-TGL-20-R2	12 x 5 ml
BL-TGL-20-R3	24 x 1.5/2.2 ml
BL-TGL-20-R4	12 x 10 ml
BL-TGL-20-R5	6 x 50 ml
BL-TGL-20-R6	4 x 100 ml
BL-TGL-20-R7	8 x 50 ml
BL-TGL18-R8	8 x 15 ml
BL-TGL-18-R9	4 x (8 x 0.2 ml PCR tubes)
BL-TGL-18-R10	6 x 100 ml



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