



High Speed Mini Centrifuge (BL-D2012)

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Highlights

- ◆ **Versatile Applications:** Primarily used in molecular biology labs for plasmid extraction, nucleic acid purification, pre-sequencing processing, and more.
- ◆ **High-Speed Performance:** Reaches speeds up to 15000rpm (15100×g) for efficient processing.
- ◆ **Efficient Operations:** Pulse operation for quick spins, brushless DC motor for rapid speed attainment, and smooth, quiet operation with minimal noise.
- ◆ **Safety Features:** Automatic lid-lock and over-speed detection ensure user safety.

Specifically designed for molecular biology labs, the BL-D2012 Microcentrifuge serves as a fundamental apparatus for various tasks, including plasmid extraction, nucleic acid purification, pre-sequencing processing, and the analysis of microsamples for biochemical and chemical purposes. Its noteworthy features include a high-speed capacity of up to 15000rpm (15100×g), which expedites processes significantly. The inclusion of pulse operation enables swift and convenient quick spins, while the brushless DC motor swiftly attains the desired speeds. Operating smoothly and quietly, producing noise levels below 54dB, it ensures a conducive laboratory environment. Safety measures such as automatic lid-lock and over-speed detection prioritize user safety. Rigorous testing and certifications (CE, cTÜVus, FCC) underscore its reliability and adherence to safety standards. and PCR plate samples ensures efficient processing, meeting the specific demands of molecular biology and related fields.



Features

- ◆ **Applications:** Ideal for plasmid extraction, nucleic acid purification, pre-sequencing processing, and various microsample analyses.
- ◆ **Speed Performance:** Reaches up to 15000rpm (15100×g) for efficient processing.
- ◆ **Operational Efficiency:** Pulse operation for quick spins, brushless DC motor for rapid speed attainment, and smooth, quiet operation (noise ≤54dB).
- ◆ **Safety Measures:** Automatic lid-lock and over-speed detection for user safety.
- ◆ **Certifications:** Rigorously tested and certified with CE, cTÜVus, FCC for reliability and safety.





Specifications

Model	BL-D2012
Max. Speed	15000rpm (500-15000rpm), increment:100rpm
Max. RCF	15100×g, increment: 100×g
Speed Accuracy	±20rpm
Rotor Capacity	0.2mL/0.5mL/1.5mL/2mL×12
Run Time	30sec-99min/Continuous
Driving Motor	Brushless DC motor
Safety Devices	Door interlock, Over-speed detection, Over-temperature detection, Automatic internal diagnosis
Power	Single-phase, AC100V-240V 50Hz/60Hz, 3A ,100W
Noise level	≤54dB
Acceleration/Braking time	11s ↑ /9s ↓
Dimension[D×W×H]	255×245×140mm
Weight	6 kg
Certification	EMC, CE, FCC, ICES, cTUVus, CB
Advanced features	Speed/RCF switch, Short-time run function, sound-alert function



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