



**Floor Rock Core Centrifuge
(BL-CC-1850R)**

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Floor Rock Core Centrifuge (BL-CC-1850R)



The Biolinkk BL-CC-1850R Floor Rock Core Centrifuge is a high-performance unit designed for demanding oil analysis applications. Equipped with an imported compressor for precise temperature control, user-friendly functions including 12 customizable programs, and advanced safety features such as automatic rotor recognition and an electronic lid lock, it ensures reliable, efficient, and safe operation.



Highlights

- ◆ Imported Compressor-Free Refrigerants
- ◆ Variable Frequency Motor, Micro-Computer
- ◆ Control, Automatically Lock Rotor
- ◆ 40 Levels of Acceleration and Deceleration Rate
- ◆ Can Store 12 Programs, Automatic Fault Diagnosis

The Biolinkk BL-CC-1850R Floor Rock Core Centrifuge is a cutting-edge solution designed for high-precision centrifugation tasks, particularly in rock core and oil analysis. With a temperature range of -20°C to $+40^{\circ}\text{C}$ and $\pm 1^{\circ}\text{C}$ temperature accuracy, it delivers exceptional performance under challenging conditions. The centrifuge is equipped with an imported compressor unit that ensures rapid and stable cooling, utilizing CFC-free refrigerant to promote eco-friendly operations.

The BL-CC-1850R provides 12 user-defined programs and 40 acceleration and deceleration rates, offering full operational flexibility. Its LCD and LED displays make it easy to monitor and adjust parameters in real time. The RCF can be set directly, and the ability to reset parameters during spinning adds further convenience. The unit operates on a variable frequency motor that guarantees stable, maintenance-free performance, ensuring a long lifespan.

Safety is a core feature of the BL-CC-1850R. The automatic rotor recognition system prevents overspeeding, and the electronic lid lock ensures secure closure during operation. The lid can only be opened once the rotor has completely stopped, supported by hydraulic rods for easy lifting. Additional features such as an emergency lid-lock release and built-in port for calibration further enhance operational safety. Built with a sturdy steel housing and a corrosion-resistant, easy-to-clean 304 stainless steel chamber, this centrifuge is a robust and reliable choice for professional laboratories.



Features

Good Components:

- ◆ Imported compressor unit ensures stable and efficient cooling.
- ◆ Wide temperature range from -20°C to $+40^{\circ}\text{C}$ with $\pm 1^{\circ}\text{C}$ high temperature accuracy.
- ◆ CFC-free refrigerant promotes environmentally friendly operation.
- ◆ Temperature sensor inside the chamber ensures consistent temperature control.
- ◆ Refrigeration starts automatically when powered on and remains effective after high-demand spinning, ideal for oil analysis applications.

High-Quality Construction:

- ◆ Variable frequency motor provides stable and maintenance-free operation with a long lifespan.
- ◆ Durable steel housing offers strength and protection.
- ◆ Food-grade 304 stainless steel chamber resists corrosion and is easy to clean, maintaining high standards of hygiene and durability.





Features

User-Friendly Functions:

- ◆ 12 user-defined programs allow for customized operations to meet specific needs.
- ◆ 40 adjustable acceleration and deceleration rates provide precise control.
- ◆ Timer range of 1 minute to 99 hours and 59 minutes supports extended centrifugation cycles.
- ◆ Clear and simple parameter display with both LCD and LED screens.
- ◆ Direct setting of Relative Centrifugal Force (RCF) for accurate spinning control.
- ◆ The ability to adjust parameters during operation enhances flexibility.

Safety Features:

- ◆ Automatic rotor recognition system prevents overspeeding for safe operation.
- ◆ Tool-free automatic rotor lock ensures quick and easy setup.
- ◆ Electronic lid lock, controlled by an independent motor, ensures the lid remains secure during operation.
- ◆ Lid can only be opened once the rotor has completely stopped, ensuring user safety.
- ◆ Hydraulic rods provide smooth lid opening and support.
- ◆ Built-in lid port allows for calibration and operation checks without disrupting the process.
- ◆ Emergency lid-lock release adds an extra layer of safety.
- ◆ Various protective features ensure reliable and secure centrifugation.



Specifications

Model	BL-CC-1850R
Max Speed	18500rpm
Max Centrifugal Force	42000Xg
Max Capillary Pressure	13.40 Mpa
Max Capacity	4* 1000ml(8000rpm)
Speed Accuracy	±10rpm
Temp. range	-20°C~40°C
Temp. Accuracy	±1°C
Timing range	1min-99H59min/inching
Noise	≤65dB(A)
Power Supply	AC 220V 50HZ 32A
Dimension	850*730*930mm (L*W*H)
Weight	280kg
Power	5000W
Motor	Variable frequency motor
Display	Two displays
Automatic rotor identification	Automatic rotor identification, Automatic rotor lock, RCF can be set directly, Can reset operation parameters, Automatic rotor lock
Automatic fault diagnosis	Yes
Can store programs	12 programs
Adjustable acceleration and deceleration rate	40 levels



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