



Floor Crude Oil Moisture Determination Centrifuge (BL-OC-5Y)

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Floor Crude Oil Moisture Determination Centrifuge (BL-OC-5Y)



The BL-OC-5Y Floor Crude Oil Moisture Determination Centrifuge by Biolinkk is designed for precise and safe moisture analysis in crude oil samples. Featuring a variable frequency motor, durable all-steel construction, and an easy-to-use micro-computer control system, it offers advanced safety mechanisms such as an electronic safety door lock, hydraulic lid support, and multiple user-friendly functions like direct RCF settings and real-time parameter adjustment.



Highlights

- ◆ **Robust Build and Components:** All-steel body and food-grade 304 stainless steel chamber ensure durability and corrosion resistance.
- ◆ **User-Friendly Operation:** Equipped with 12 user-defined programs, direct RCF settings, and real-time parameter adjustments.
- ◆ **Advanced Safety Features:** Microprocessor-controlled electronic safety door lock with hydraulic lid support and emergency release.
- ◆ **Stable and Efficient Performance:** Variable frequency motor provides stable, maintenance-free, and long-lasting operation.

The BL-OC-5Y Floor Crude Oil Moisture Determination Centrifuge from Biolinkk is engineered for the accurate determination of moisture content in crude oil samples. Equipped with a variable frequency motor, the centrifuge provides stable and maintenance-free operation for extended longevity. Its robust design features an all-steel housing and a food-grade 304 stainless steel chamber, ensuring durability and resistance to corrosion.

This centrifuge is designed with user convenience in mind, offering 12 user-defined programs, 40 adjustable acceleration and deceleration rates, and an extensive timer range from 1 minute to 99 hours 59 minutes. The LCD and LED screen clearly display all parameters, and users can directly set the Relative Centrifugal Force (RCF) and modify parameters even while the rotor is spinning.

Safety is a top priority with the BL-OC-5Y. It features a microprocessor-controlled electronic lid lock with an independent motor, which ensures that the lid can only be opened once the rotor has come to a complete stop. Additional safety features include hydraulic rods to support the lid, an emergency lid-lock release, and a port in the lid for calibration and operational checks.



Features

- ◆ **Robust Construction:** Built with a thick, durable steel housing and a food-grade 304 stainless steel chamber, this centrifuge is designed for long-term use in harsh laboratory environments. The chamber is corrosion-resistant and easy to clean, making it ideal for oil sample analysis.
- ◆ **Efficient Variable Frequency Motor:** The centrifuge is powered by a variable frequency motor, which provides stable operation with minimal maintenance. This motor design ensures reliable performance over a long lifespan.
- ◆ The centrifuge offers 12 user-defined programs and 40 acceleration and deceleration rates, providing flexibility for different types of samples and workflows.
- ◆ Users can directly set RCF values and reset parameters while the centrifuge is in operation.
- ◆ The large LCD and LED screens display parameters clearly, ensuring easy monitoring and control.





Features

- ◆ Comprehensive Safety Features: The microprocessor control system ensures accurate and safe operation.
- ◆ The electronic lid lock is controlled by an independent motor, ensuring that the lid can only be opened after the rotor has completely stopped spinning.
- ◆ Hydraulic rods support the lid, adding to user convenience and safety.
- ◆ A built-in emergency lid-lock release and a calibration port in the lid further enhance safety and operational checks.
- ◆ Versatile and Adjustable Settings: With a timer range of 1 minute to 99 hours 59 minutes, the BL-OC-5Y is suitable for a variety of lab applications. The unit's rotor is constructed from stainless steel, providing further strength and reliability for demanding applications in oil analysis.



Specifications

Model	BL-OC-5Y
Max Speed	4000rpm
Max RCF	3400xg
Max Capacity	4x200ml
Speed Accuracy	±10rpm
Time Setting	1m ~ 99h59m/short spin
Heating range	Ambient temp. +10~70°C
Noise	≤60dB(A)
Power Consumption	1100w
Dimension	600x700x900mm
Weight	160kg



Accessories

Available Rotors

Swing out rotor	Capacity	Max speed	Max RCF
BL-OC-5Y-1	36×10ml	4000rpm	3400×g
BL-OC-5Y-2	4×100ml	3000rpm	2062×g
BL-OC-5Y-3	4×200ml	3000rpm	2000×g



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