EZILAB

AUTOMATIC ROTARY EVAPORATOR EZL-RE32

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Automatic Rotary Evaporator EZL-RE32 features a color digital display for monitoring and controlling rotation speed/temperature, as well as a motorized lift with a 150 mm elevating stroke length. It operates at 200 rpm and allows for vertical lifting for precise positioning of glassware by allowing the use of either water or oil. The unique 1 L bath design heats up quickly, allowing for faster experiments. Bath can reach temperatures of up to 99°C and is designed to be user-friendly while maintaining the highest level of safety.

Features

- Double sealing with Teflon and Fluoro rubber to ensure high vacuum degree
- Borosilicate glass, which is resistant to high temperatures and corrosion
- Continuous feeding is convenient for users
- Up-right double layer serpentine coil condenser to ensure high recovery rate
- Large LCD screen can display speed and temperature parameters at same time
- Intelligent constant temperature control of the bath with PT100 sensor
- Adopts high speed performance with single chip microcontroller
- High rated condenser with exceptional cooling properties
- Heats up quickly because of optimized bath volumes
- Easy and jolt-free raising and lowering of rotary evaporator
- Adjustable final position recognition to protect operator and sample against breaking
- DC motor automatic motorized lift

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Technical Specifications

Model	EZL-RE32
Rotary Bottle	1 L
Collecting Bottle	1 L
Rotary Speed	0 to 200 rpm
Evaporating Speed	20 ml/min
Achievable Vacuum	0.098 Mpa
Bath Size	230×120 mm
Elevating Stroke	150 mm
Temperature Range	0 to 99°C
Temperature Accuracy	±1°C
Temperature Display	PT100 sensor LCD
Speed Regulation	Electronic step-less speed regulation
Elevating Function	Motorized elevating
Sealing	Double sealing with Teflon
Rotary Motor Power	40 W Induction motor
Elevating Power	15 W
Heating Power	1.5 Kw
Power Supply	220V, 50/60Hz
Dimension (L×W×H)	600×420×830 mm
Gross Weight	23 Kg

Application

It is an indispensable instrument for evaporation, concentration, crystallization, separation and solvent recovery in research and production of medicine, chemical and biological products etc.