



Rotary Evaporator



Product Description

The KRE-2 Rotary Evaporator is a compact and efficient laboratory evaporation system designed for the gentle and rapid removal of solvents under reduced pressure. Equipped with a brushless DC motor, digital LCD display, integrated vacuum controller, and precise temperature-controlled heating bath, it ensures reliable, safe, and reproducible distillation. The unit is ideal for laboratories involved in chemical synthesis, pharmaceutical research, biotechnology, food analysis, and educational applications.

Features

- Safety features: Motor over-current protection, earth-leakage protection, and lifting overload protection.
- Automatic boil-dry protection mode activates when the bath temperature exceeds the set temperature by 5°C.
- PTFE sealing rings provide excellent chemical resistance and long service life.
- Motorized lifting and raising mechanism for smooth and convenient operation of the condenser clamp.

Application/Uses

- Solvent evaporation & concentration
- Vacuum distillation
- Solvent recovery
- Research, biotechnology & academic laboratories



Rotary Evaporator – Technical Specifications

Parameter	Specification
Model	KRE-2
Make	KLABS
Motor Type	Brushless DC Motor
Speed Range	20 to 300 RPM
Motor Power	40 W
Display	LCD
Clockwise and Anti-clockwise	Yes
Rotary Bottle Volume	1 L / Ø131 mm opening
Collection Bottle Volume	1 L / Ø131 mm opening
Heating Temp. Range	RT to 199°C
Heating Control Accuracy	± 1°C
Heating Power	1300 W
Condensation Area	0.15 m ²
Evaporation Capacity	as
Timer	Yes
Time Setting Range	0–9999 mins
Vacuum Controller	In-built
Power Supply	AC 220V, 50 Hz
Dimensions & Weight	700 x 410 x 880 mm, 43 kg

Standard Accessories

Accessory
Rotary Bottle
Collection Bottle
Condensor
Adapter
Instruction Manual