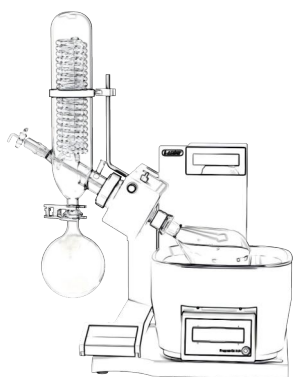




Rotary Evaporator

RE-502Pro

- > Solvent Recovery
- > Concentration & Purification
- > Distillation & Separation
- > Crystallization & Drying



Core Features



- Large base for enhanced stability; ergonomically designed lifting handle for safe and easy operation
- Manual and automatic forward/reverse rotation settings to meet diverse operational needs
- Coil condenser with a surface area of 1460 cm²
- Innovative condenser with guided flow design to prevent reflux, improve efficiency, and extend service life
- Electronic overcurrent protection for the rotation drive system
- Standard steam temperature detection for real-time monitoring of evaporation temperature
- Automatic lift upon power failure for added safety
- Integrated power supply for the rotation motor and water bath to reduce energy loss
- Maintenance-free stainless steel water bath: double-layer protection, easy to clean, durable, displays set and actual temperature, with overheat protection
- Multiple expansion interfaces for future upgrades
- LAB1ST provides complete evaporation solutions with professional supporting equipment for higher efficiency

Model	RE-502Pro
Voltage	220–240V
Frequency	50/60 Hz
Dimensions (L×W×H)	650×420×900 mm (with glassware and bath)
Weight	19–20 kg
Rotation Speed	35–200 rpm
Lifting Range	180 mm
Tilt Angle	0–30°
Evaporation Flask Volume	50–2000 mL
Max Sample Volume	2000 mL
Temperature Display	Digital (set and actual temp)
Temperature Range	20–99°C
Temperature Accuracy	±1°C
Heating Power	1500 W
Sealing Ring	PTFE, resistant to most reagents
Water Bath Volume	4 L

Related Equipment

Depending on your application a vacuum system (pump / tube / valve) and cooling is required to get everything out of your evaporation. With powerful vacuum pumps and recirculating chillers, LAB1ST is offering peripheral devices that are perfectly matched to the rotary evaporator portfolio.



Cooling Bath Circulator

Model: DL-30-05L

Usage Temperature: -30 °C to RT

Total Power: 0.55 Kw

Cooling Capacity: 875 W (@ RT)

650 W (@ 0 °C)

225 W (@ -20 °C)

Electrical Requirements: 220V, 1P, 50/60Hz



Water Aspirator Vacuum Pump

Model: WVP-02

Pumping Rate: 10 x 2 L/min

Ultimate Vacuum: 0.098Mpa

Circulating Water Tank: 15L

Flow Rate: 60 L/min

Electrical Requirements: 110V/220V, 1P, 50/60Hz