

RotaryEvaporator

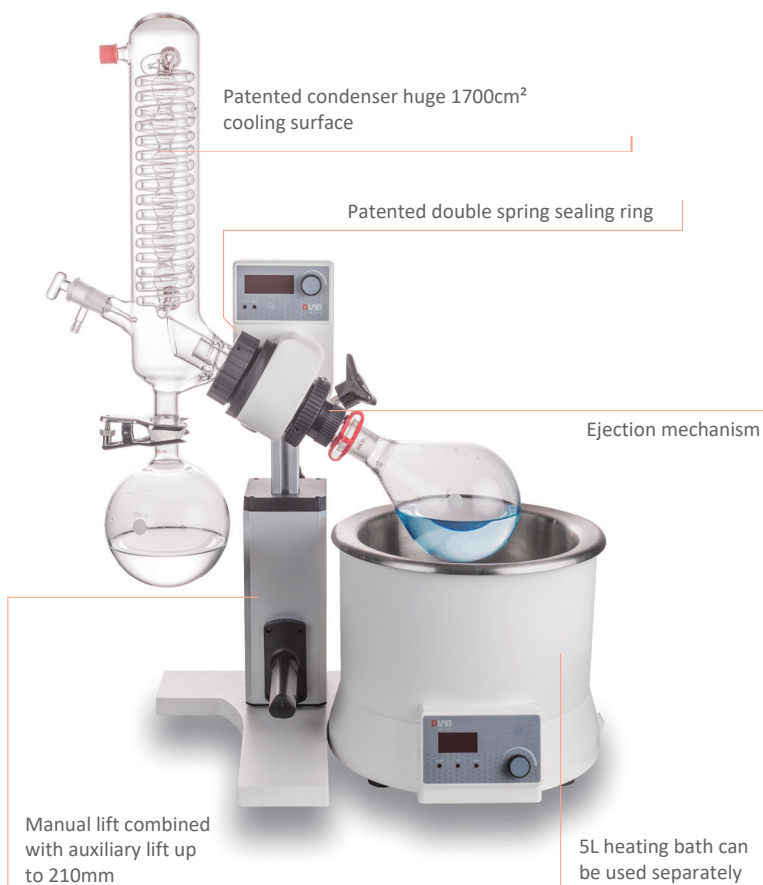
LED Digital Rotary Evaporator is an essential instrument in chemical laboratories for the efficient and gentle removal of solvents from samples by evaporation. It can be combined with a vacuum pump, vacuum controller and circulating chiller to provide excellent distilling solutions in a wide range of applications.

Features:

- 5L heating bath with a wide temperature range (room temp.to180°C), independent temperature control. Water/oil heating mode.
- Manual lift combined with auxiliary lift for precise positioning of the glassware.
- PID control ensures high temperature accuracy at $\pm 1^{\circ}\text{C}$ (water).
- Overheating protection temperature at 220°C
- Boil-dry protection
- Speed range from 20 to 200rpm, timing interval operation in clockwise and anticlockwise directions for drying process.
- Patented condenser (very large cooling surface 1700cm², double helix condensing tube + center circular arc design to speed up the flow rate of liquid with excellent cooling effect.
- Ejection mechanism ensures easy exchange of evaporating flask
- Adjustable immersion angle
- Patented double spring sealing ring made of PTFE provides an excellent sealing performance
- Remote function provides PC control and data transmission.

RE100-S

LED Digital Rotary Evaporator



USB connector



Chemical resistance



Overheating protection



Compatible with all range of glassware

Specifications

RE100-S	
Motor Type	Brushless DC motor
Speed Range	20-200rpm
Display	LED (speed, temperature, time)
Clockwise and Anti-clockwise	Yes
Heating Temperature Range	Room temp. to 180°C
Control Accuracy	water: $\pm 1^{\circ}\text{C}$ oil: $\pm 3^{\circ}\text{C}$
Heating Power	1010 W
Lift Height	210mm total
Interval Time Setting Range	1~999s
Dimension [D×W×H]	Main Unit: 440×320×450mm Heating Bath: 300×300×240mm
Weight	Main Unit: 7kg Heating Bath: 3kg
Permissible Ambient Temperature	5~ 40°C
Permissible Relative Humidity	80%RH
Protection Class	IP20
USB Interface	Yes
Voltage/Frequency	240V 50/60 Hz
Power	1100 W