

Rotary Evaporator



BB-RE-S



BB-RE-PRO

Key Features

- 5L heating bath with a wide temperature range (room temp.to 180°C), independent temperature control, make it can be used separately.
- Water/oil heating mode can be changed only through a switch.
- 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, automatically power off if heated without water/oil in the heating bath.
- Speed ranges from 20 to 200rpm, timing interval operation in clockwise and anticlockwise directions for the drying process.
- Condenser (cooling surface 1200/1700cm² for selection), 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
- Double spring sealing ring made of PTFE provides an excellent sealing performance

Specifications

Cat No.	BB-RE-S	BB-RE-PRO
Motor Type	Brushless DC motor	
Speed Range	20-200rpm	20-280rpm
Display	LED (speed, temperature, time)	LCD (speed, temperature, time)
Heating Temperature Range	Room temp. to 180°C	
Control Accuracy	Water: $\pm 1^{\circ}\text{C}$ and Oil: $\pm 3^{\circ}\text{C}$	
Lifting Mechanism	Manual	Electrical
Stroke Displacement	Manual 110mm + auxiliary 100mm	Automatic 150 mm
Timer	Yes	
Time Setting Range	1~999 Minutes	
USB Interface	Yes	
Voltage/Frequency	100~120/200~240V 50/60 Hz	

Optional Accessories

- Chiller (-10°C)
- Vacuum Pump