RE100-Pro Digital Rotary Evaporator

Features



- Digital LCD display of both rotation speed and heating temperature allows for optimal control of all distillation processes.
- Automatic motor lift releases the evaporating flask to a safe position in case of power failure.
- 5L heating bath with wide temperature range from room temperature to 180°C.
- Overheating protection temperature at 220 °C.
- Boil-dry protection, automatically power off if heating without water/oil in the heating bath.
- Speed range from 20 to 280rpm, and interval operation in clockwise.
- Condenser (cooling surface 1700cm²) with excellent cooling effect.
- Ejection mechanism ensures easy removal of evaporating flask.
- Double spring sealing ring made of PTFE provides an excellent sealing performance.

Technical Parameters

Model	RE100-Pro
Evaporating Flask Volume	50-3000mL(Optional Thickened glass axis compatible with 3L evaporating flask)
Motor Type	Brushless DC motor
Speed Range	20-280rpm
Display	LCD(speed, temperature, time)
Direction of Rotation	Clockwise and counterclockwise
Heating Temperature Range	Room temp. to 180℃
Control Accuracy	water: ±1℃ oil: ±3℃
Evaporation capacity	Max.1.56L/h(H2O)
Heating Power	1300W
Lift stroke	Motorized 150mm
Timer	Yes
Time Setting Range	1-999min
Dimension[D×W×H]	465x457x583mm
Weight	15kg
Permissible Ambient Temperature	5-40℃
Permissible Relative Humidity	80%RH
Protection Class	IP20
USB Interface	Yes
Voltage/Frequency	100-120/200-240V,50/60HZ
Power	1400W