

RE200-Pro 20L Digital Rotary Evaporator

LCD Digital Rotary Evaporator is mainly used for continuous distillation of a large number of volatile solvents under reduced pressure. It offers an excellent distilling solution in a wide range of applications.

Features

- Large LCD digital display with heating temperature, rotation speed, clockwise and Anti-clockwise, time information;
- One-click automatic motor lifting (stroke 180mm), smooth and silent;
- Water/oil heating bath with wide temperature range from room temp.to 180°C;
- Speed range from 10 to 150rpm, and interval operation in clockwise and anti-clockwise directions for drying process;
- Double-layer high-efficiency condensing tube with large condensation area and strong evaporation capacity, ensuring efficient sample recovery;
- Patented PTFE double sealing ring with excellent sealing performance.
- A switching valve for continuous collection without compromising the system vacuum and solvent distillation.



Large LCD display



Overheating protection



Chemical resistance



Double-layer high-efficiency condenser
large condensation area and strong evaporation capacity, ensuring efficient sample recovery.



Switching valve design
A switching valve for continuous collection without compromising the system vacuum and solvent distillation.



Heating bath

- Water&oil bath;
- Enhanced lifetime through exclusive use of corrosion-free stainless-steel;
- The heating bath adopts special heat insulation structure design, so that the surface temperature is far lower than the temperature in the bath, to avoid personnel burns.

Specifications

	RE200-Pro	
performance	Temperature range	Room temp. ~180°C (both water and oil)
	Control Accuracy	Water: ±1°C Oil: ±3°C
	Rotation Speed	10~150rpm
	Evaporation capacity	Max.4.0L/h (water vapor volume)
	Ultimate vacuum	Less 2.6hpa
function	Temperature control method	Micro processor PID control
	Display	LCD (temperature/speed/clockwise and Anti-clockwise/time)
	Stroke Displacement	Automatic 180mm
constitute	Safety features	Motor over-current protection, Residual Current Device, lifting overload protection, Boil-dry protection, over-temperature protection
	Sample flask	Round flask 20L
	Receiving flask	Round flask 10L with drain valve
Specification	Condenser	Two-section vertical triple serpentine condenser, cooling surface 1.2m ²
	Heating bath size	φ450×240mm
	Takeover caliber	Cooling/suction nozzle outer diameter 16mm, vacuum pump nozzle outer diameter 16mm
Dimension[D×W×H]		1160mm×600mm×1860mm
Power supply		220V/4600W/50/60Hz 380V/6000W/50/60Hz