

## RE200-Pro

### 20L Industrial Digital Rotary Evaporator

Large Scale LCD Digital 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
- Three-layer high-efficiency condensing tube with large condensation area and strong evaporation capacity, ensuring efficient sample recovery
- Patented connector for evaporating flask easy&quick installation
- 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

Specifications		RE200-Pro	
performance	Temperature range	Room temp. ~180°C (both water and oil)	
	Control Accuracy	Water: $\pm 1^{\circ}\text{C}$ Oil: $\pm 3^{\circ}\text{C}$	
	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	
	Safety features	Motor over-current protection, Residual Current Device, lifting overload protection, Boil-dry protection, over-temperature protection	
constitute	Sample flask	Round flask 20L	
	Receiving flask	Round flask 10L with drain valve	
	Condenser	Two-section vertical triple serpentine condenser, cooling surface 1.2m <sup>2</sup>	
Specification	Heating bath size	$\phi 450 \times 240\text{mm}$	
	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	