

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

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

Temperature control method

Micro processor PID control

Display

LCD (temperature/speed/clockwise and Anti-clockwise/time)

function

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 1.2m²

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