



## RE-2000 Rotary Evaporator

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High Recovery

Good Air-tightness

Reasonable Structure

**Mainly Applied to Pharmaceutical,  
Chemistry and Biotechnology**

Crystallization, drying, separation, solvent recovery



Pharmaceutical



Chemistry



Biotechnology

Are You Upset with The Following Problems?





## Working Principle

Rotary evaporators are distillation units that incorporate an efficient condenser with a rotary flask system. As the flask containing the solvent is rotated it continually transfers a thin layer of liquid over the entire inner surface. This gives a very large surface area for evaporation that is effected by heating from the accessory water or oil bath.





## FLANGE

Perfect for you to solve sealing problems

- ☒ High hardness, high temperature resistant, abrasion-proof ☒ Gasket: PTFE



### Flange Sealing Principle

With the space between the flange getting smaller, gasket would be deformed to fill up the gaps. Thus we can prevent leakage and achieve sealing function.



No leak | No deformation | High and low temp-resistance | Anti-corrosion | Nonhazardous | Abrasion-proof

## PRODUCT INTRODUCTION



## Product Parameters

Model	RE-2000
Evaporating Flask(L)	2
Receiving Flask(L)	1
Rotating Motor(W)	40
Rotating Speed(R/MIN)	0~200
Water(Oil) Bath Power(W)	1500
Temperature Control Range	RT ~ 399°C
Temperature Fluctuation(°C)	±1
Evaporation Rate(H <sub>2</sub> O)	≥1L/h
Water Bath Size	Φ230*130
Condenser	Vertical Spiral Condenser
Lifting Mode	Motor Automatic Lifting
Lifting Height(mm)	0~120
Voltage	220V/50HZ
Sealing Mode	PTFE, Fluoro Rubber Sealing

\*Warm tips: 110V/60HZ is optional

## Other Models

Model	RE-2000	RE-5299	RE-201D	RE-301	RE-501
Evaporating Flask(L)	2	1/24#(0.25-2L)	2	3	5
Receiving Flask(L)	1	0.5/24#	1	2	2
Rotating Motor(W)	40	30	40		
Rotating Speed(R/MIN)	0~200	0~120			
Water(Oil) Bath Power(W)	1500	1500	1200	1500	
Temperature Control Range	RT~99℃	RT-399℃			
Temperature Fluctuation(℃)	±1	±1	±2℃		
Evaporation Rate(H <sub>2</sub> O)	≥1L/h			≥1.5L/h	
Condenser	Vertical Condenser				
Lifting Mode	Electric	Mannal	Water(Oil) Bath Mannal Lifting		
Lifing Height(mm)	0~120	0~120	0~150		
Voltage	220V/50HZ				





**RE-2000A**



**RE-2000B**



**RE-2000E**

# FOUR CHARACTERISTICS OF STRUCTURE

## Point 1 ▶

### Motor



1. International copper wire
2. Continuous operation and stable
3. CE Approved

## Point 2 ▶

### Digital Control

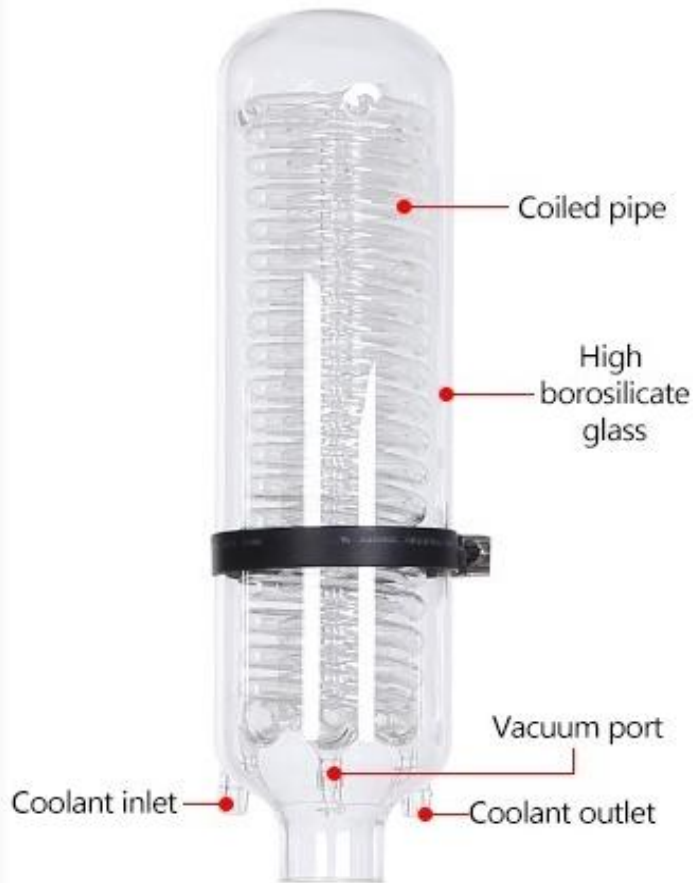


More convenient   More intuitive   More accurate



Point 3 ►

## Condenser



The inner tube is spiral which increases the length of the tube and makes cooling area larger. So the condensation would be more efficient.

Point 4 ►

## GG-17 High Borosilicate Glass

- Temp Range  $-100^{\circ}\text{C} \sim 400^{\circ}\text{C}$  , high acid and alkali resistant
- High temperature resistant, high strength and hardness
- Feed rapidly, no residual and easily clean



# PRODUCT DISPLAY



# DETAIL DISPLAY



Digital Control



Heating Bath





Condenser Interface

**Distributor:**

**UNIVERSAL LAB SOLUTIONS**

401, NANDANVAN TOWER,

PLOT-125/A17, PANVEL,

PANVEL, PIN-410 206

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