

R-1001-VN



R-1001-VN mini rotary evaporator/ rotovap

The Introduction

The equipment for purification distillation test rotates and shapes a thin film in negative pressure condition by heating, evaporates efficiently, and then condenses and recollects solvent to purify and separate. The products can be made into system devices with Multi-purpose Circulating Water Vacuum Pump, Diaphragm Vacuum Pump, Low Temperature Circulating(vacuum)Pump, Circulating Cooler, Constant Temperature Circulator, Low-Temperature Cooling Liquid Circulating Pump.

The Characteristics

- 1, Double sealing with Teflon (PTFE) and fluoros rubber to ensure high vacuum degree.
- 2, The air extraction nozzle of the condenser is set down, and it is safer after connection with vacuum pipe.
- 3, Building block design is easy to be extended.
- 4, Easy operation of lifting, move up and down smoothly and easy to lock.
- 5, Dedicated electric machinery, worm, and gear drive steadily.
- 6, Speed display, operate visually and easily.
- 7, The temperature adopts PID control, which ensures accurate temperature control.
- 8, The separation of bath and the mainframe makes configure flexible.

The Technical Data of R 1001

Model	R-1001-VN	R-1001-LN
Ambient temperature(°C)	5~35	
Rotary speed(rpm)	10~180	
Evaporating speed(ml/min)	20	
Achievable vacuum(Pa)	Below 3mmHg	
Temperature range(°C)	Room temp~100	
Temperature display	Keypad input Digital display	
Speed-setting	Knob setting, Digital display	
Power Supply (V/Hz)	220/50	
Rotary motor(W)	25	
Heater wattage(kW)	1.5	
Condensing tube	Type	Vertical type water refrigerating Lean type water refrigerating
	Condenser(m ²)	0.12
Rotary bottle(L)	0.5~2	
Collecting bottle(L)	1	
Vacuum sealing	Double sealing rings made of Teflon Vinton materials	
Water Bath size (mm)	260×140	
Water Bath volume(L)	7.4	
Function of lifting table	Weight balancing Gliding elevating manual lifting	
Elevating stroke(mm)	100 150	
Dimensions(mm)	560L×320W×660H	750L×320W×540H
Weight(kg)	9.5	

