



ZHENGZHOU MINGYI INSTRUMENT EQUIPMENT CO., LTD

郑州鸣一仪器设备有限公司

NO. 13, DONGFENG ROAD, ZHENGZHOU CITY, CHINA

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## RE-1050 Laboratory Rotary Evaporator



### Features

1. The main body adopts stainless steel + aluminum alloy, the structure is reasonable, the materials pay attention.
2. Glass parts are made of high borosilicate glass (GG-17), high temperature, anti-corrosion.
3. Sealing system adopts imported fluorine rubber and Teflon bi-directional combination seal, corrosion-resistant long life, to maintain high vacuum.
4. Vacuum pressure gauge shows real-time vacuum, oily table with anti-vibration characteristics.
5. Upright three-layer serpentine coil condenser, main cold + cold double condenser, to ensure high recovery rate.
6. Continuous feeding is available for customers. Valve-type feed valve is fitted with tetrafluoroethylene tubing.



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7.The collection bottle is equipped with a discharge material to facilitate the collection and discharge of the evaporated extract.

8.Check valve control, continuous discharge, the machine in the working state, can be vacuum switch.All valves are equipped with the latest one hand wheel valve, good sealing, the operation is more simple and convenient

9.Microcomputer power switch control.

10.LCD full screen display, temperature, speed dual digital display, bath thermostat control, PT100 sensor fast and accurate delivery temperature.DC brushless motor, rotating stable, no spark, slow increase force.

11.Boom electric lift, lift part of the use of slowdown power motor, the lifting process more stable.\

12.The pot is made of high quality 304 stainless steel, durable and durable, and the outer layer of the pot is coated with silicone layer.

13.Over-temperature safety protection, when the actual temperature exceeds the set temperature of 5 °C, the machine will automatically turn off the power.

14.Anti-dry function, the machine will automatically power off when the water level of the heating pot is lower than that of the heating pipe.

15.If the machine is suddenly powered off during the machine's work, the machine will automatically stop heating when the power is turned on again.

#### Parameters

Product	RE-1050 Rotary Evaporator
Power supply voltage	380V / 50HZ ; Can be customized all kinds of voltage and plug.
Rotating motor power	100W
Lifting motor power	60W
Heating power	8KW
Vacuum degree	0.098Mpa
Rotating bottle capacity	50000ml $\Phi$ 470mm / $\Phi$ 125mm flange mouth
Collecting bottle capacity	20000ml $\Phi$ 355mm / $\Phi$ 60mm flange
Rotation speed	0-120rpm / min



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Temperature range	0-400 °C
Temperature control accuracy	± 1 °C
Glass temperature range	-80-250 °C
Bath up stroke	0-180 (mm)
Condenser size	main cold Φ160 * 840H (mm) , second cold Φ160 * 480H (mm)
Feeding valve	Φ35 flange mouth
Vent valve	Φ35 flange * 2
Discharge valve	∅ 15mm glass side discharge mouth
Bath size capacity	Φ550 * 320H (mm) about 76L
Dimensions	1400 * 600 * 2300 (mm)
Packing size	1070L * 520W * 1210H (mm) about 0.67m3
Package Weight	102KG

### Factory and package





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