

DW-5210A Large Capacity Floor Type Rotary Evaporator

Characteristics:

The novel floor type evaporator adopts big sized rotating flask to increase the evaporation area. With flask rotating in heated water bath under vacuum condition, the liquid material in flask evaporates fast.

This series big sized rotary evaporator is an ideal instrument for drying, concentration, and recovery experiments in pharmaceutical, chemical, colleges, scientific research laboratories and other industries.

Features:

- 01. Big LCD screen with menu interface and multi-functional operation system; rotary switch easy to operate.
- ◆ **02.** Unattended mode with safe operation function, which is in stop mode after the experiment, with automatic lifting function to standby mode and protection alarm function. (50L does not have this feature)
- ◆ 03. Humanized design: vacuum controller and diaphragm pump can be put in the space under shelf; universal wheels with lockable casters and positioning device, which makes the equipment steady and easy to move.
- 04. Sealing made up of imported PTFE and special compound by special technique, which has good sealing, anti- corrosion, high temperature resistance and good durability.
- 05. Pressure valves ensure continuous receiving and discharge without affecting the system pressure and distillation process.
- ◆ **06.** Safety protection function in over-current, overload and fuses; dry heating preventer; outage in unit exception or over temperature and alarming standby function.
- 07. Intermittent positive and negative rotating function with timer (0-60s) for drying process of powder materials.
- ◆ **08.** Integral heating bath with Teflon coating, which is easy to clean, anti-corrosive and high temperature resistant as well. Furthermore, it can also prevent cross infection in experiment.
- 09. Vertical condenser with big condensation area and fast evaporation speed, which is easy to install as well.
- 10. Automatic lifting function with safety distance setting, which can be easily lifted smooth and steady.





Parameter

MODEL #	DW-5210A
Lift	Automatic lifting with lifting length of 150mm
Rotating Speed	10-130rpm/min
Evap. Capacity	Max.3.5L/min (H2O)
Temp. range/precision	Microcomputer PID controller; LCD Screen; Water Bath: RT99°C±1°C
Bath Material	Integral 304 stainless steel heating bath, which is anti-corrosive, high temperature resistant and easy2clean
Bath Size	Ф35*22cm
Positive&Negative Rotating	Intermittent positive and negative rotating function with timing function (0-60s) for drying process of powder samples.
Heater Power	3.5KW
Flask Volume	5-10L
Condenser	Vertical integral 3-layered coil condenser with big condensation area and fast evaporation speed, which is easy to install as well.
Feeder	Valve type feeding pipe equipped with tetrafluoroethylene pipe and water retaining ring
Sealing	Imported PTFE and special complex compounded with special technique, which ensures good sealing and improves the anti-corrosion and durability property.
Condense Area	0.18 m²
Environment Temp.	5°C~40°C
Factory Configuration	95# Flange mouth Rotating Flask 10L*1 Receiving Flask 5L*1
Total Power	3.8KW
Input	AC220V/50HZ
Size&Weight	Product Size 106*55*170cm/G/W 95KG