

# DW-5220A Large Capacity Floor Type Rotary Evaporator

## Features

1. Upgraded version of large screen LCD screen, integrated multifunctional operating system monitoring display, menu interface and knob data input make the setting operation intuitive and convenient.
2. Safety operation function of unmanned mode: The equipment stops working automatically at the end of the experiment, and the evaporation bottle and heating pot are separated automatically back to standby state for early warning protection.
3. Humanized design: Vacuum controller and diaphragm pump can be placed in the space of the bottom bracket. The installation of universal pulley and positioning device makes the equipment stable and easy to move.
4. Sealing unit: Imported PTFE and special synthetic materials are processed and synthesized by special process technology to enhance sealing, corrosion resistance and wear resistance.
5. Pressure retaining valve device: under the condition of not affecting the pressure operation of the equipment system and sample distillation, the recovered solution in the collection bottle can be continuously discharged at the same time.
6. Safety protection function: set with over current, overload protection, fuse, heat sensing dry burning preventer, equipment abnormal, over temperature automatic power off, standby early warning protection.
7. Positive/reverse function can be set, and intermittent positive/negative circulation function (0 ~ 60s) can be used for drying powder samples.
8. A disposable molded Teflon heating pot with corrosion resistance, high temperature resistance, and easy cleaning was used to avoid cross contamination during the experiment.
9. Vertical, integral three-reflux large-diameter condenser not only has large cooling area, strong evaporation capacity, but also is easy to install.
10. Automatic lifting function: the safe distance limit is set, and the lifting is stable, convenient and quick.
11. Equipped with transparent protective cover (heat preservation, energy saving, explosion proof, splash proof)



## Parameters

<b>Model</b>	<b>DW-5220A Standard type</b>
<b>Host</b>	<b>Automatic cantilever lift 0-190 mm</b>
<b>Evaporation capacity</b>	<b>MaX.5L/H(H<sub>2</sub>O)</b>
<b>Vacuum</b>	<b>The vacuum inside the device can reach 8mbar</b>
<b>Speed</b>	<b>LCD screen display 10~130 RPM; The forward/reverse function can be set, and the intermittent forward/reverse loop function (0 ~ 60s) can be configured.</b>
<b>Temperature</b>	<b>PID automatic temperature control, LCD display, water bath: room temperature ~99 degrees ±1°C; Optional oil bath (room temperature ~180°C±2°C)</b>
<b>*Safety performance</b>	<b>Timing function (0~999min):After reaching the predetermined time, the device will automatically stop working and return to the standby state; Overtemperature warning: The instrument automatically raises the evaporation bottle for standby warning protection</b>
<b>Heating pot</b>	<b>Disposable molding Teflon 304 stainless steel heating pot φ450×260mm ( about 40L ) has the advantages of corrosion resistance, high temperature resistance, easy cleaning; Equipped with transparent protective cover (heat preservation and energy saving, explosion proof, splash proof, pollution proof)</b>

Heating power	5KW
Cooler	Vertical, integral three reflux large diameter condenser’s cooling area is 0.96 square meters and designed with explosion-proof boiling glass elbow. Its evaporation ability is strong and easy to install.
Feeder	Valve feeding tube is sheathed with tetrafluoroethylene tube and water retaining ring
Sealing unit	Imported PTFE and special synthetic materials are processed and synthesized by special process technology to enhance sealing, corrosion resistance and wear resistance.
Sample bottle capacity range	5~20L
Total power	5.3KW
Voltage	AC220/50Hz
Volume/weight	125×60×180cm /110KG
Factory configuration	collection bottles10L*1, φ95 flange mouth rotating bottles 20L *1.

