

DW-5210A DW-5220A

Large Capacity Floor Type Rotary Evaporator

Features

- 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.
- 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.
- 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.
- Sealing unit: Imported PTFE and special synthetic materials are processed and synthesized by special process technology to enhance sealing, corrosion resistance and wear resistance.
- 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.
- 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.
- Positive/reverse function can be set, and intermittent positive/negative circulation function (0 ~ 60s) can be used for drying powder samples.
- A disposable molded Teflon heating pot with corrosion resistance, high temperature resistance, and easy cleaning was used to avoid cross contamination during the experiment.
- Vertical, integral three-reflux large-diameter condenser not only has large cooling area, strong evaporation capacity, but also is easy to install.
- Automatic lifting function: the safe distance limit is set, and the lifting is stable, convenient and quick.
- Equipped with transparent protective cover (heat preservation, energy saving, explosion proof, splash proof)



Specifications

Model	DW-5210A		DW-5220A	
Type	Standard	Vacuum control	Standard	Vacuum control
Host	Automatic cantilever lift 0-160 mm		Automatic cantilever lift 0-190 mm	
Evaporation capacity	MaX.3.5L/H(H2O)		MaX.5L/H(H2O)	
Speed	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.			
Vacuum	The vacuum inside the device can reach 8mbar			
Vacuum control	/	Built-in vacuum controller(arbitrary control experiment required vacuum degree, set range: (0~-0.1Mpa) 0~1013mbar; Accuracy ±1).	/	Built-in vacuum controller (arbitrary control experiment required vacuum degree, set range: (0~-0.1Mpa) 0~1013mbar; Accuracy ±1).
Temperature	PID automatic temperature control, LCD display, water bath: room temperature ~99 degrees ±1°C; Optional oil bath (room temperature ~180°C±2°C)			
Safety performance	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			
Material	Disposable molding Teflon 304 stainless steel heating pot , equipped with transparent protective cover			
Size	φ35×22cm		φ45×26cm	
Heating power	3.5KW		5KW	
Cooler	Vertical, integral three reflux large diameter condenser’s cooling area is 0.58 square meters and designed with explosion-proof boiling glass elbow.		Vertical, integral three reflux large diameter condenser’s cooling area is 0.96 square meters and designed with explosion-proof boiling glass elbow.	
Feeder	Valve feeding tube is sheathed with tetrafluoroethylene tube and water retaining ring			
Sample bottle capacity range	5~10L		5~20L	
Total power	3.8KW		5.3KW	
Factory configuration	Collection bottles 5L1, φ95 flange mouth rotating bottles 10L *1		Collection bottles10L*1, φ95 flange mouth rotating bottles 20L *1	
Sealing unit	Imported PTFE and special synthetic materials are processed and synthesized by special process technology to enhance sealing, corrosion resistance and wear resistance.			
Voltage	AC220V/50HZ			
Instrument size	1060*550*1700mm		1250*600*1800mm	
Gross weight	95kg		110kg	