

DW-RE-6000A Water Dual-Purpose Evaporator

Features

- Large LCD display, menu interface and knob switch operation
- Rotating DC motor power :90W Smooth start
- Heating pot: Teflon coating makes it easy to clean, resistant to corrosion, and resistant to high temperatures
- Three-way receiving flask & condenser assembly equipped with anti-backflow device
- Unmanned mode safe operation function and automatic standby after the experiment
- Intermittent timing positive and negative rotation can be set, suitable for drying process
- Special bottle return knob design makes bottle return simple and convenient
- Optional vacuum system, can be set to control any vacuum degree
- Sealing unit: Imported PTFE+ special process mold synthesis
- The heating pot is designed with a safety handle and an insulated shell to prevent burns
- Touch type and handle type double automatic lifting and lifting make the lifting and lifting safer
- Equipped with a protection cap, which is heat preserved, energy saving and anti-spill and anti-boiling



Specifications

Model	DW-RE-6000A	
Type	Standard	Vacuum control
Rotating Speed	LCD display 0~310rpm/min	
Evaporation capacity	Inner diameter ϕ 50mm glass sealed shaft, with high efficiency. Maximum flow rate: 3L/H (H ₂ O), 6L/H (ethanol)	
Vacuum	The internal vacuum of the equipment can reach1-8mbar	
Vacuum control	Built-in vacuum controller (arbitrary control experiment required vacuum degree, setting range: (0~ -0.1Mpa) 0~1013mbar; Accuracy $\pm$ 1).	
Temperature range	water and oil dual-purpose pot water bath: room temperature $\sim$ 99°C $\pm$ 0.5°C; Oil bath: room temperature $\sim$ 210°C $\pm$ 2°C.	
Bath material	Disposable Teflon coating, easy to clean.Equipped with high temperature resistant Teflon protective cover.	
Bath size	ϕ 29 $\times$ 17cm	
Sample bottle	Intermittent rotation around, intermittent time adjustable 0 ~ 60s, can be used for drying powder samples	
Lift stroke	Cantilever heating bath lifting structure with touch screen automatic balance adjustment; the lifting stroke ranges from 0 to 140 mm, and safety margins are reserved at the upper and lower travel limits to avoid collision.	
Safety performance	Dry-burning prevention & overtemperature alarm, abnormal rotation motor alarm, automatic lifting of sample flask away from heating bath liquid surface; built-in timing function (0~999 min), standby alarm protection for the equipment.	
Power	2.1KW	
Scope	6L	
Sealing unit	Imported PTFE and special synthetic materials are processed and synthesized by special process technology to enhance sealing, corrosion resistance and wear resistance.	
Condensing pipe	Vertical Double-layer Flanged Coil Condenser,condensing area of 0.45m ² , with dripping point and anti-backflow design.	
Degree of protection	IP42	
Ambient temperature	5~40°C	
Voltage	AC220V/50HZ	
Instrument size	850*420*1100mm	
Weight	83KG	