

DW-RE-2000A DW-RE-3000A DW-RE-5000A

Water Bath Rotary Evaporator

Features

- Large LCD display, menu interface and knob switch operation
- Rotating DC motor power :70W Smooth start
- Heating pot: Teflon coating makes it easy to clean, resistant to corrosion, and resistant to high temperatures
- The condensing pipe is designed with drip point and 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-2000A		DW-RE-3000A		DW-RE-5000A	
Type	Standard	Vacuum control	Standard	Vacuum control	Standard	Vacuum control
Rotating Speed	LCD display 0~310rpm/min		LCD display 0~310rpm/min		LCD screen display 0~310rpm/min (Up to 310rpm/min when using a single rotating bottle within 3L)	
Evaporation capacity	Max.25ml/min(H2O)		Max.25ml/min(H2O)		Max.43ml/min(H2O)	
Vacuum	The internal vacuum of the equipment can reach 2mbar					
Vacuum control	/	Built-in vacuum controller (arbitrary control experiment required vacuum degree, setting range: (0~ -0.1Mpa) 0~1013mbar; Accuracy ±1).	/	Built-in vacuum controller (arbitrary control experiment required vacuum degree, setting range: (0~ -0.1Mpa) 0~1013mbar; Accuracy ±1).	/	Built-in vacuum controller (arbitrary control experiment required vacuum degree, setting range: (0~ -0.1Mpa) 0~1013mbar; Accuracy ±1)
Temperature range	water bath : room temperature ~99℃±0.5℃					
Bath material	Disposable Teflon coating, easy to clean.Equipped with high temperature resistant Teflon protective cover.					
Bath size	φ23×13cm		26×15cm		φ29*17cm	
Sample bottle	Intermittent rotation around, intermittent time adjustable 0 ~ 60s, can be used for drying powder samples					
Rotating glass shaft	29#/42 grinding integrated glass shaft with a . The evaporation bottle holder is attached to the bottle returner to prevent loss.					
Lift stroke	Touch + handle type double automatic balancing lifting (lifting stroke 150mm) The descending end point has a fixed 60mm safety distance to prevent collision.					
Temperature Control	Microcomputer PID controller, digital display.					
Temperature setting	Knob encoder, rotary input setting, large LCD screen display, convenient and fast					
Safety performance	Timing function (0~999min) : After the scheduled time, the device will automatically stop working and return to the standby state. When the equipment is abnormal and overtemperature warning, the main engine will be lifted automatically, and the instrument will lift the evaporation bottle automatically.					
Heater	Fully enclosed heater					
Power	1.5KW		1.5KW		1.8KW	
Scope	25~2000mL		25~3000mL		25~5000mL	
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, three-layer ball grinding mouth snake condensing pipe, condensing area of 0.18m², with dripping point and anti-backflow design.		Vertical, three-layer ball grinding mouth snake condensing pipe, condensing area of 0.21m², with dripping point and anti-backflow design.		Vertical, three-layer ball grinding mouth snake condensing pipe, condensing area of 0.31m², with dripping point and anti-backflow design.	
Ambient temperature	5~40℃					
Voltage	AC220V/50HZ					
Instrument size	660*420*830mm		700*430*860mm		740*440*960mm	
Package size	710*645*510mm		710*645*790mm		780*690*850mm	
Gross weight	30kg		35kg		42kg	