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DW-ORE-2000A DW-ORE-2000Apro
DW-ORE-3000A DW-ORE-5000A
Oil Dual-Purpose Rotary Evaporator

Features

- LCD color display, menu interface and knob switch operation
- Optional vacuum system to control the vacuum degree
- Heating pot: Teflon coating makes it easy to clean, resistant to corrosion, and resistant to high temperatures
- Rotating DC motor power :70W
- Unmanned mode safe operation function and automatic standby after the experiment
- The condensing pipe is designed with drip point and anti-backflow device
- Special bottle return knob design makes bottle return simple and convenient
- Intermittent timing positive and negative rotation can be set, which is suitable for drying process
- Touch type and handle double button electric lift make lift more safe
- The heating pot is designed with a safety handle and an insulated shell to prevent burns
- Sealing unit： Imported PTFE+ special process mold synthesis
- The water - oil pot has a moderate volume and heats up quickly. Temperature: Room temperature -210℃

Note: Type A comes standard with a ground-glass joint condenser (glass is less prone to damage); Type B standard joint condenser is available as an option.



DW-ORE-2000A



DW-ORE-2000Apro



DW-ORE-3000A



DW-ORE-5000A

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Specifications

Model	DW-ORE-2000A		DW-ORE-2000Apro		DW-ORE-3000A		DW-ORE-5000A	
Type	Standard	Vacuum control	Standard	Vacuum control	Standard	Vacuum control	Standard	Vacuum control
Rotating Speed	LCD color display 0~310rpm/min						LCD color screen display 0~310rpm/min (3L inner rotating bottle up to 310rpm/min)	
Evaporation capacity	Max.25ml/min(H2O)		Max.25ml/min(H2O)		Max.27ml/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).	/	Built-in vacuum controller (arbitrary control experiment required vacuum degree, setting range: (0~ -0.1Mpa) 0~1013mbar; Accuracy ±1).
Temperature range	water and oil dual-purpose pot water bath: room temperature ~99℃±0.5℃; Oil bath: room temperature ~210℃±2℃.							
Bath material	Disposable Teflon coating, easy to clean.Equipped with high temperature resistant Teflon protective cover.							
Bath size	φ23×13cm		φ23×13cm		φ26*15cm		φ29*17cm	
Sample bottle	Both left and right can be installed and the intermittent rotation interval time can be adjusted from 0 to 60s. It can be used to dry the powder sample.							
Rotating glass shaft	Use a 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		1.5KW		1.8KW	
Scope	25~2000mL		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 0.18m², with dripping point and anti-backflow design. (can be replaced by split four-way bottle condensing tube)		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		660*420*830mm		700*430*860mm		740*440*960mm	
Package size	710*645*510mm		710*645*510mm		710*645*790mm		780*690*850mm	
Gross weight	30kg		30kg		35kg		42kg	