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DW-2000ADQ DW-3000ADQ DW-5000ADQ

Multi Manifold Rotary Evaporator

Features

● ADQ series is a rotary evaporator developed by our company which can concentrate five kinds of materials. The whole machine is beautiful, reasonable and compact, simple and convenient operation, accurate temperature control, reliable performance.
In addition to practical and humanized design, strong and durable performance is the most important feature of the product;
DW-ADQ is available for users to choose from in three models: 2000 (50mL*5), 3000 (100mL*5) and 5000 (150mL*5).

● One machine can concentrate five kinds of materials。

● ADQ type water bath temperature range: room temperature -99℃. The heating tube automatically stops heating when the temperature is higher than the set temperature. The boiler has a safety handle, an insulated housing,
Prevent scald, moderate volume, rapid temperature rise. Heating pot using Teflon composite pot, high temperature resistance, corrosion resistance, easy to clean.

● Large LCD screen multi-data display, knob encoder setting, speed 0-310 RPM, intermittent forward/reverse function (0 ~ 60s), suitable for drying process.
Large condensing area, drip point and anti backflow design. (Effectively improve work efficiency)

● Evaporation bottle adopts push hand mechanical device, easy to disassemble, safe and reliable.

● Optional: Built-in vacuum controller (arbitrary control of the vacuum required by the experiment, setting range:
(0~ -0.1Mpa) 0~1013mbar; Accuracy ±1)

● Equipped with a protection cap, which is heat preserved, energy saving and anti-spill and anti-boiling



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Specifications

Model	DW-2000ADQ		DW-2000ADQ		DW-2000ADQ	
Type	Standard	Vacuum control	Standard	Vacuum control	Standard	Vacuum control
Rotating Speed	LCD display 0~310rpm/min		LCD display 0~310rpm/min		LCD color screen display 0~310rpm/min (3L inner rotating bottle up to 310rpm/min)	
Vacuum	The vacuum inside the device 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).
Sample bottle	Water bath: room temperature ~99℃±0.5℃;					
Material	Water bath: room temperaDisposable Teflon coating, easy to clean.The heating pan has a safety handle,and equipped with a protection cap.ture ~99℃±0.5℃;					
Size	φ23×13cm		φ26×15cm		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, evaporation bottle fixing clip connected to the bottle remover, to prevent loss.can be used for drying powder samples.		29#/42 grinding integrated glass shaft, length 235mm, evaporation bottle fixing clip connected to the bottle remover, to prevent loss.		29#/42 grinding integrated glass shaft, length 235mm, evaporation bottle fixing clip connected to the bottle remover, 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 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					
Heater	Fully enclosed heater					
Power	1.5KW		1.5KW		1.8KW	
Usable capacity of sample bottle	5 *50ml or single (25~2000mL)		5 *100ml or single (25~3000mL)		5 *150ml or single (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.	
Service 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	