

DW-ADQ Series

Multi Manifold Rotary Evaporator

Characteristics!

• DW-DQ series is a new type rotaiy evaporator developed by our company, which can be used for the concentration of 5 materials at the same time. Apart from the elegant appearance with compact design, easy operation, precise temperature control, reliable capability, the practical and humanized design and durability, DW-DQ series rotary evaporator(5*50ml, 5*100ml, 5*150ml sized optional) is also with the following features_o

Features:

- 01. Big LCD screen with menu interface displaying several data; rotary switch easy to operate.
- 02. Heating bath with Teflon coating, which is easy to clean, anti-corrosive and high temperature resistant as well.
- 03. Temperature of DW-DQ series can reach up to 99°C. Heater stop heating in over temperature condition.
- **04.** Special design of bottle pulling switch, which is easy to disassemble the evaporation flask.
- 05. Sealing made up of imported PTFE with special technique.
- **06.** Both screen touch control and button press automatic lifting available, easy and safe to use.
- 07. DC rotating motor of 70w power starts steadily.
- 08. Vertical condenser with drip point design prevents backflow.
- **09.** Intermittent positive and negative rotating function with timer function for drying process, maximum rotating speed up to 310rmp/min.
- 10. Vacuum degree can be controlled with the vacuum gauge and vacuum valve, which can prevents pump oil from backflow and improves the success rate of experiment.
- 11. Heating bath with safe handle, which is heat insulated and prevents scald. The medium sized heating bath helps heating fast.
- 12. Equipped with protection cap, which is heat preserved, energy saving and anti-spill and anti-boiling.

Parameter

MODEL #	DW-2000ADQ	DW-3000ADQ	DW-5000ADQ
Rotating Speed	LCD Screen; 0~310rpm/min		
Evap. Capacity	Max.25ml/min (H20)	Max.27ml/min (H20)	Max.43ml/min (H20)
Temp, range/precision	Microcomputer PID controller; Water Bath! RT99°C±0.5°C		
Bath Material	Integral Teflon compound heating bath with safe handle, which prevents from scald; the medium sized bath volume makes distillation fast.		
Bath Size	φ23×13cm	φ26xl5cm	φ29xl7cm
Positive&Negative Rotating	Intermittent positive and negative rotating function with timing function (0-60s) for drying process of powder samples.		
Lift	Automatic balance lifting which can be controlled by either button-press or Color LCD screen; the lifting length is 150mm, with fixed safety distance of 60mm, which prevents crashing.		
Temp. Set	Rotating switch coding for temperature setting with big LCD screen display.		
Safety	Anti-dry prevention function which makes flask automatic lifting; instrument will stop at the set timing (0-999min); automatic lifting and standby alarm protection in abnormal or over temperature state.		
Heater Power	Max.25ml/min (H20)	1.5KW	1.5KW
Flask Volume	5*50ML(0.25-2L)	5*100ML (0.25-3L)	5*150ML(0.25-5L)



Sealing	Imported PTFE and special complex compounded with special technique, which ensures good sealing and improves the anti-corrosion and durability property.			
Condenser	Vertical 3-layered coil condenser with big condensation area, equipped with drip point and backflow prevention, which effectively increases the evaporation efficiency.			
Condense Area	0.18 m^2	0.21 m^2	0.31 m^2	
Environment Temp	5°C~40°C			
Factory Configuration	24#Eggplant Shaped Flask 5*50ML 29# 5 heated Flask *1 S35Ball mill mouth Receiving Flask 1L*1	24#Eggplant Shaped Flask 5*100ML 29# 5 heated flask*l S35Ball mill mouth Receiving Flask 2L*1	24#Eggplant Shaped Flask 5*150ML 29# 5 heated flask*l S35Ball mill mouth Receiving Flask:3L*l	
Input	AC220V/50HZ			
Size& Weight	Pack Size 71×64.5×51cm/ Product Size 66×42×83cm/ G/W 30KG	Pack Size 71x64.5x79cm/ Product Size 70x43x86cm/ G/W 35KG	Pack Size 78×69×85cm/ Product Size 74×44×96cm/ G/W 42KG	

