DRAWELL
Artist of Science

DW-ORE Series
Oil Dual-Purpose Rotary Evaporator

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.** Unattended mode with safe operation function, which is in automatic standby mode after the experiment.
- **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.
- **10.** Optional: vacuum controller for precise control of vacuum degree.
- **11.** Heating bath with safe handle, which is heat insulated and prevents scald.
- **12.** Oil and water heating bath in medium size for flash distillation, whose temperature range is from room temperature to 210℃.

Parameter

MODEL #	DW-ORE-2000A	DW-ORE-3000A	DW-ORE-5000A
Rotating Speed	LCD Screen; 0~310rpm/min		LCD Screen; 0~200rpm/min
Evap. Capacity	Max.25ml/min (H2O)	Max.27ml/min (H2O)	Max.43ml/min (H2O)
Temp. range/precision	Microcomputer PID controller; Water Bath：RT.-99℃±0.5℃；Oil Bath：RT.-210℃±2℃		
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	φ26×15cm	φ29×17cm
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	1.5KW	1.5KW	1.5KW
Flask Volume	0.25--2L	0.25--3L	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 ㎡	0.21 ㎡	0.31 ㎡
Environment Temp.	5℃~40℃		
Factory Configuration	29#Eggplant Shaped Flask1L*1 29# Flange mouth Round Bottom Flask 2L*1 S35Ball mill mouth Receiving Flask 1L*1	29#Eggplant Shaped Flask1L *1 F50Flange mouth Round Bottom Flask3L*1 S35Ball mill mouth Receiving Flask 2L*1	29#Eggplant Shaped Flask1L *1 F50Flange mouth Round Bottom Flask5L*1 S35Ball mill mouth Receiving Flask:3L*1
Input	AC220V/50HZ		
Size&Weight	Pack Size 71×64.5×51cm/ Product Size 66×42×83cm/ G/W 30KG	Pack Size 71×64.5×79cm/ Product Size 70×43×86cm/ G/W 35KG	Pack Size 78×69×85cm/ Product Size 74×44×96cm/ G/W 42KG