

Rotary Evaporator (Lab-scale)

IG-20AX IG-30AX IG-50AX

CE



Rotary Evaporator With Digital Steam Sensing

Mainly used in medical and health, food, biological industry, agriculture and other industries

Features



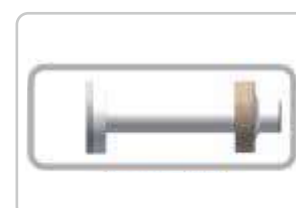
Vertical condenser with drip point design prevents backflow.



Anti-dry auto-lifting and automatic standby function.



Special design of bottle pulling switch, which is easy to disassemble the evaporation flask.



Vacuum protection design which prevents vapor from vacuum pump, so the vacuum pump is more durable.



Big color LCD screen with menu interface displaying several data; rotary switch easy to operate.



Heating bath with Teflon coating, which is easy to clean, anti-corrosive and high temperature resistant as well.



Sealing made up of imported PTFE with special technique.



Both touch screen control and button press type automatic lifting function

Rotary Evaporator (Lab-scale)

IG-20AX IG-30AX IG-50AX



Oil and water heating bath with safe handle, whose temperature range is from room temperature to 210 °C.



Intermittent positive and negative rotating function with timer function for drying process.



Unattended mode with safe operation function, which is in automatic standby mode after the experiment.



DC rotating motor of 70w power starts steadily.

Specifications

Model	IG-20AX	IG-30AX	IG-50AX
Rotating Speed	Color LCD Screen; 0~310rpm/min	Color LCD Screen; 0~310rpm/min	Color LCD Screen; 0~200rpm/min
Evap. Capacity	Max.25ml/min (H ₂ O)	Max.27ml/min (H ₂ O)	Max.43ml/min (H ₂ O)
Temp. range/precision	Microcomputer PID controller; Water Bath RT.-99°C±0.5 °C Oil Bath RT.-210°C±2°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	Dia 23×13cm	Dia 26×15cm	Dia 29×17cm
Positive&Negative Rotating	Intermittent positive and negative rotating function with timing function (0-60s) for drying process.		
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	0.18m ²	0.21m ²	0.31m ²
Environment Temp	5°C~40 °C		
Factory Configuration	29#Eggplant Shaped Flask1L*1	29#Eggplant Shaped Flask1L *1	29#Eggplant Shaped Flask1L *1
	29# Flange mouth Round	F50Flange mouth Round Bottom	F50Flange mouth Round Bottom
	Bottom Flask 2L*1	Flask3L*1	Flask5L*1
	S35Ball mill mouth Receiving	S35Ball mill mouth Receiving	S35Ball mill mouth Receiving
Input	AC220V/50HZ		
Size&Weight	Pack Size 71×64.5×51cm/	Pack Size 71×64.5×79cm/	Pack Size 80*72*88cm/
	Product Size 66×42×83cm/	Product Size 70×43×86cm/	Product Size 74×44×96cm/
	G/W 30KG	G/W 35KG	G/W 49KG
Optional	Vacuum controller for precise vacuum control.		
Warning:	The protection cap is only for water bath experiment. Please do not use in oil bath experiment.		