

Glassware Drying Oven

Natural Convection Ovens for Glassware Drying / Forced Exhaust (DG450C/850C)

DG410C/450C/810C/850C

Operating
temp. range

Room temp. +5~70°C

Internal capacity

92L

DG410C/450C

445L

DG810C/850C

Easy operation and highly acclaimed Glassware drying oven.

Features

- Large observation window for easy observation.
- Can be used to store instruments after drying.
- Highly efficient heat insulation material for both internal and external structure.
- Adjustable foot for stability on uneven floors
- Mobile on casters (DG810C/850C)
- Equipped with stainless steel pipe heater and water receiving plate at the bottom.
- Stainless steel interior, easy to clean and highly resistant to corrosion.
- DG850 installed with filter at air in-take port, exhaust fan and germicidal lamp for fast drying.
- Dial setting and digital display of temperature control and timer.

Safety Features

- Self-diagnosis circuit (abnormal temp. input), power outage compensation, deviation correction, overcurrent ELB, independent overheat protector, etc.



(Stand optional)

Specifications

Model		DG410C	DG450C	DG810C	DG850C
System		Natural convection			
Operating temp. range		RT+5~70℃			
Interior material		Stainless steel			
Exterior		Cold rolled steel plate with chemical proofing coating			
Heater		Stainless steel pipe heater			
		1KW		1.34KW	
Observation window (W×Hmm)		250×300		250×700	
Exhaust port		I.D. 34mm×2	Axial flow fan forced exhaust	I.D. 34mm×2	Axial flow fan forced exhaust
Suction port		I.D. 30mm×2	Set air suction filter	I.D. 30mm×2	Set air suction filter
Germicidal lamp		—	15W×1	—	15W×1
Temp. control		PID control			
Temp. setting		Use specialized function menu key and UP/DOWN key to set			
Temp. display		Measured temp. display: Green 4-digit LED digital display			
		Setting temp. display: Red 4-digit LED digital display			
Timer		1min-99 hr 59 min and 100 hr-999 hr 50 min (Attached with timing wait function)			
Operation function		Fixed temp., Quick auto stop, Auto start, Auto stop operation			
Additional functions		Deviation correction, Key lock, Power outage compensation			
Heater circuit control		SSR driving			
Sensor		Temp. controller: K thermocouple , Overheat protection: Liquid-expansion temp. controller			
Safety device		Self-diagnosis (Abnormal temp. sensing, Auto overheat prevention, SSR short circuit), Key lock, Independent overheat protector, Overcurrent ELB			
Internal dimensions (W×D×Hmm)		450×450×450		620×600×1195	
External dimensions (W×D×Hmm)		504×562×788	504×562×820	674×711×1586	674×711×1618
Internal capacity		92L		445L	
Shelf plate with standard load		15kg / piece			
Shelf plate steps/Shelf rest pitch		10 steps / 30mm		29 steps / 30mm	
Power supply (50/60Hz) rated current		AC220V 5A		AC220V 7A	
Weight		Approx. 45kg	Approx. 48kg	Approx. 78kg	Approx. 83kg
Shelf plate		Stainless punching metal			
Shelf rest		2 pcs		4 pcs	
Shelf bracket		4 pcs		8 pcs	
Water pan		1 pc			
Optional	Stand	ON61C		—	
	Others	Shelf plate (1 plate with 2 rests)			



Interior (DG850C)



Equipped with exhaust axial flow fan

Control Panel



DG410C/450C



DG810C/850C

Water Pan (sliding type)



Germicidal lamp (DG850C)



Air In-take Filter (DG850C)



Dimensions (Unit:mm)

