

Clean Glassware Drying Oven

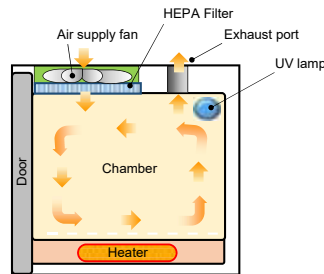
DG851

Clean (HEPA) environment and UV sterilization for ease of use and safety of DG series prevents contamination



Controller

Clean (HEPA) environment and UV sterilization



460L

Clean Glassware Drying Oven DG851



Clean Circulation

- Designed for clean atmosphere and low risk of dust adhesion.
- Equivalent to cleanliness class 100 (class 6)*1 by adopting HEPA filter.
- Faster drying time compared to natural convection dryers.

*1 Reference value

UV Sterilization

- Sterilizes the circulating air with a germicidal lamp. Prevents contamination of the object.
- Safety specification that automatically turns off when the door is opened while the light is on.
- Recommended for instruments that cannot be dried at sterilization temperature (150°C).

Specifications

Model		DG851
Product code		212143
Method		Forced air supply
Operating temperature range*1		RT+5~70°C
Composition	Interior material	Stainless steel, SUS304
	Observation window	300(W)×800(H)mm
	Heater	Stainless steel pipe heater, 1200W
	Air supply fan	Axial flow fan (with filter) (Continuous operation during dry operation)
	Air supply filter	HEPA filter, More than 99.97% collection efficiency of 0.3 μm particles
	Germicidal lamp	Fluorescent tube moisture proof type, Single tube, 15W
Control units	Germicidal lamp timer	Max. 99 minutes and 59 seconds
	Control method	PID control
	Operation mode	Fixed temp., Quick auto stop, Auto stop, Auto start operation
Safety devices	Ancillary functions	Calibration offset, Setting value lock, Power failure recovery mode selection function
	Self-diagnostic function	Temperature sensor error, Memory error, Automatic overheat prevention
	Security device	Leakage breaker with overcurrent, Hydraulic independent overload preventer
Standards	External dimensions*2	674(W)×711(D)×1586(H)mm
	Internal dimensions*2	620(W)×620(D)×1195(H)mm
	Shelf plate steps/Standard load	29 steps / 15kg(one shelf) Total load capacity : 60kg
	Shelf rest pitch	30mm
	Internal capacity	460L
	Power supply (50/60Hz) rated current	AC220V 6.5A
weight	Approx. 98kg	
Accessories		Shelf plate×3pcs.*3 Water pan×1pc.

*1 The performance is based on a power supply of 100 VAC, room temperature of 23°C±5°C, humidity of 65% RH±20%, and no load. The operating environment temperature range of this unit is 5 to 35°C.

*2 Do not include protrusions. *3 The bottom shelf is fixed to the inside of the tank.