

Forced Air Flow Oven WFO series



WFO-1200W

Air flow	Forced Air Flow
Temp. range	RT+10°C~210°C
Chamber capacity	81~300L

Features

- Air flow oven for drying, curing, and baking at room temperature +10°C up to 240°C.
- Two types are available. Slim-sized 400, 500, 700, 1200 models are equipped with standard timer functions. The SD model is equipped with a variety of programmable operations. The W and SD models are equipped with an observation glass window.
- The opening side of the door for 400, 500, 700, and 1200 models can be changed depending on the place of installation.
- The SD series is equipped with a cable hole.

Specifications

Product name		Forced Air Flow Oven	
Model	WFO-400, 500, 700, 1200	SD	
Air circulation	Forced Air Flow		
Temperature range	RT+10~210°C	40~200°C	
Temperature accuracy	*1°C	*1°C	
Temperature control	PID control	PID control with Auto tuning function	
Program	Auto-start, Auto-stop		
	*	Repeat, step, temp. ramp	
Safety feature (Alarm)	Door, Sensor, Upper-Lower temperature limit, Power failure, Temperature control fault		
Safety function	Breaker for electrical leakage and overcurrent, independent overheat protector		

* 1200, 1200W models are AC200V single phase and mains plug is attached.

Model	Cat. No	Chamber capacity
WFO-400 (230V)	194908	450W x 450D x 400H, 81L
WFO-400W (230V)	194918	
WFO-500 (100V only)	215370	600W x 500D x 500H, 150L
WFO-500W (100V only)	215380	
WFO-700 (230V)	194928	450W x 450D x 700H, 142L
WFO-700W (230V)	194938	
WFO-1200 (230V)	194948	450W x 450D x 1215H, 246L
WFO-1200W (230V)	194958	
WFO-451SD (230V)	181498	450W x 450D x 400H, 81L
WFO-601SD (230V)	181508	600W x 500D x 500H, 150L
WFO-1001SD (230V)	181518	600W x 500D x 1000H, 300L

Operation panel



For 400, 700 model, the open side of the door can be changed.

*Stackable table



Applicable unit	Model	Cat.No
WFO-400 (W)	HSD-10	195340
WFO-500 (W)	HSD-20	216030

Vacuum Drying Oven VOS-301SD



VOS-301SD

Heating method	Chamber heating
Temperature range	40°C~240°C
Vacuum range	667hPa-133Pa
Heating up 240°C	Approximately 70min

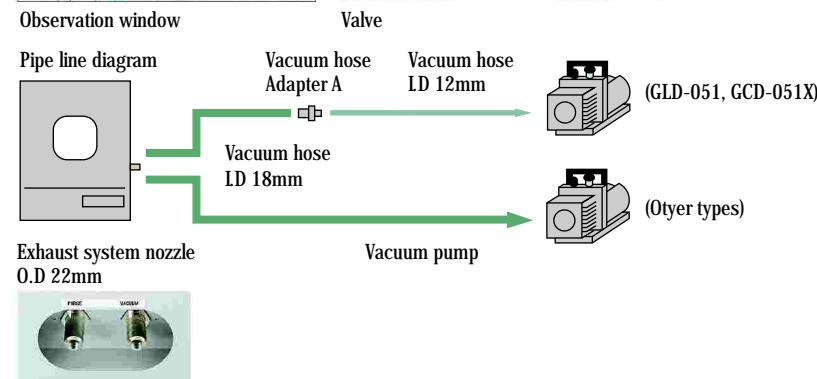
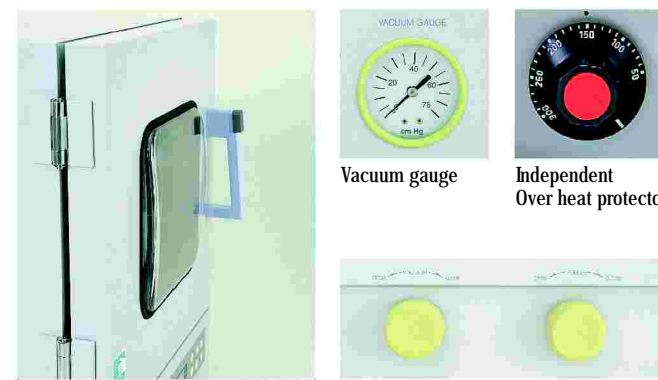
Features

- The VOS 301 is ideal for drying processes under reduced pressure and features small size.
- Vacuum and purge valve control are conveniently located on the front control panel. A purge valve is installed to allow backfilling with N₂.
- The microprocessor-controlled program enables to control with a digital timer, auto-start/stop, and two-step repeated operation.
- Equipped with overheat protector, which is independent from the temperature controller.

Specifications

Product name		Vacuum Drying Oven		
Model	VOS-301SD			
Cat.No.	181699	181698	181690	
Heating method	Chamber heating			
Operating temp. range	40-240°C			
Temp. accuracy	±1.5°C (at 240°C setting)			
Heating up to 240°C	Approximately 70min			
Ultimate vacuum	133Pa(1 torr)			
Temp control	Microprocessor PID control (Auto-tuning)			
Program	Digital timer(1min-99hr 59min)			
	Auto-start, Auto-stop, 2-step repeat, Step program (Max. 8-step)			
Safety function	Self-diagnosis function (sensor alarm, overheat protection, power failure alarm, door alarm, input error alarm, min/max. temp limit alarm, heater fault alarm), Overcurrent breaker and ELCB, Independent overheat protector (50-300°C)			
Vacuum gauge	Bourdon tube type, 0.1-0MPa			
Chamber dimensions (mm)	300W*300D*300H			
No.of Shelves. (pitch)	4 shelves. (71mm)			
Observation window	250W*250H (mm), made of Polycarbonate			
Chamber capacity/material	27L, SUS304			
Shelf pitch.No.of shelves	71mm, 4 (fixed)			
Overall dimensions (mm) & Weight	505*540*760, 60kg			
Heater	1.2kW			
Supply Voltage	AC115V	AC220V	AC100V	

Operation panel



Vacuum Drying System Example



Product name	Type	Cat.No.
Vacuum Oven	VOS-301SD	181690
Cold trap	UT-3000L	216160
Transparent lid with nozzle		216220
Vacuum control unit	UT-C	216230
Trap monitor	UT-M	216400
Rotary Vane vacuum pump	GCD-136XN	189160
Oil mist Trap	OMC-200	118690
Support cart for vacuum oven	HSS-21C	100300
Vacuum hose	1.D18*OD42mm 5m	119230