

Shelf type Vacuum Oven PVO-450

Shelf type vacuum oven with accurate temperature distribution ($\pm 1^{\circ}\text{C}$).

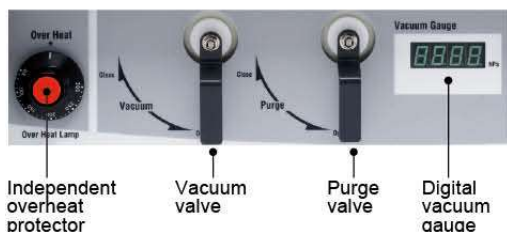


PVO-450

Features

- Accurate temperature distribution control is realized by dual heating system: bath heating and blowing temperature controlled hot air inside oven.
- Shelf is heated by forced air circulation which does not require heater, oil or water; realizing easy dismantling, preventing overheat or liquid leaking.

Operating unit



Independent overheat protector

Vacuum valve

Purge valve

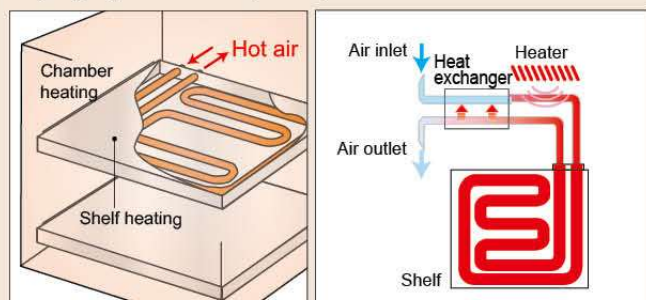
Digital vacuum gauge

Specifications

Product Name	Shelf type Vacuum Oven
Model	PVO-450
Cat. No.	248070
Heating method	Shelf heating by hot air+Chamber heating
Temp. control range	RT + 5 ~ 200°C
Temp. control accuracy	$\pm 0.4^{\circ}\text{C}$
Ultimate vacuum	133Pa (1 Torr)
Temperature setting & display	Sheet key input & digital display
Timer	Auto start, Auto stop
Program	24 hour cycle, Step (Max. 8 steps), Repeat
Safety functions	Self diagnosis, Leak/overcurrent braker, Independent overheating protector
Shelf	2 shelves, Max. load 15kg/shelf, Aluminum
Chamber dimensions & capacity	450W x 450D x 450H 91L
Overall Dimensions (mm) & weight	655W x 675D x 900H 141kg
Power source	1.5kVA AC100V

Point!

Drying by heated air (PAT.P)



Shelf is heated by temperature controlled hot air to realize highly accurate temperature distribution.

Detachable shelf without using heater, oil or water



Shelf can be dismantled easily thanks to hot air circulation. Shelf cleaning is also easy.

Meets validation requirement



Max.10 validation sensors can be placed inside chamber.

Temperature measurement during vacuuming is possible.

Ridery Evaporator 1

Vacuum Pump & Aspirator 2

Organic Synthesizer 3

Freeze Dryer, Spray Dryer 4

Shaker 5

Stirrer 6

Tube Pump 7

Low Temperature Controller 8

Cold Trap 9

Orbital Temperature Bath 10

Incubator 11

Oven 12

Fermentor 13