

Vacuum Drying Oven, Shelf heater type

DP610HP

Auto overheat prevention

Independent overheat protector

Self-diagnosis

Key lock

Power outage compensation

Overcurrent ELB

Operating temp. range 40°C to 200°C

Operating pressure range 101 to 0.1kPa

Internal capacity 216L

Temperature control is possible individually in 8 stages, uniform temperature processing even in vacuum.

- The temperature gradient has been improved to 15°C (at 200°C).
- The structure of the vacuum pump is designed to accommodate a vacuum pump, making efficient use of space.
- The quick coupling system is adopted for high reliability and easy connection.
- The door gasket is made of fluororubber (Viton) and is silicone-free.
- The easy removal of the piping makes maintenance of the vacuum pump easy.
- Key entry on the control panel is interactive and easy for anyone to set. The temperature inside the chamber during operation is indicated by bright, easy-to-read LED.
- Programmed operation and other highly accurate functions are standard.
- The self-diagnostic function, automatic overheat prevention, key lock function and other safety features have been further.



Interior



Control Panel



Temp. Controller for Shelf



Specifications

Model	DP610HP
Method	Decompression chamber & shelf heating
Operating temperature range	40 to 200°C
Operating pressure range	101 to 0.1kPa
Interior material	Stainless steel
Exterior material	Chrome-free electrogalvanized steel plate with baked-on coating
Door	Single swing door (Opening of left)
Door packing	Viton packing
Heat insulating material	Rock wool
Heating method	Shelf heating + radiation heating
Operation functions	Fixed temperature operation, Quick auto stop operation, Auto start operation, Auto stop operation, Programmed operation: up to 99 steps and 99 patterns, repeatable operation function
Heater circuit control	Triac zero-cross (shelf individual) control
Additional functions	Temperature recorder, pirani vacuum gauge, signal tower, buzzer, timer for heat treatment
Safety device	Self-diagnostic function (temperature sensor error, heater disconnection, SSR short-circuit, automatic overheat prevention), Key lock, Independent overheat protector, Earth leakage breaker
Internal dimensions	W600×D600×H600mm
External dimensions	W1020×D820×H1650mm
Power source 50/60Hz	AC220/380V Three-phase with step down transformer
Shelf	Pipe heater 0.9kW×8, total 7.2kW
Shelf dimensions	W590×D550×H25mm
Weight	Approx. 400kg