

DRYING OVEN

The dried / sterilized at a high temperature to the device used for the purpose. Shorter time to reach the set temperature, It realizes a uniform temperature distribution over the forced circulation system. The smell and the dust was ensured user safety by the use of less advanced insulation.



Validation support

Temperature compensation, real-time recorder and record the temperature as software Each position paper by the temperature test . Test chamber temperature holding time in case of power failure Return temperature response test when the door is closed after opening 30 seconds

Feature

Sliding-Type was equipped with a shelf to shelf to take advantage of the convenient self-test. The precise temperature control is possible by Auto Tuning PID control. There is a temperature safety device to prevent operation was greater than the set temperature more stable. Using a forced circulation method improves the temperature distribution of the drying efficiency. Digital precise temperature control is possible of 0.1 & lt; 0 & gt; C to the PID control unit. Overheating protection device. Alarm, timer, was equipped with an auto-tuning, temperature compensation function. The air heated by the Central Chamber back through the circular design delivered even by the fan motor It was achieved a good temperature distribution, a faster drying rate. Heater is quick to spread the slopes surrounding the air of a uniform temperature 'm a fan (Fan) It secured a high thermal efficiency and temperature uniformity. The heater and the fan motor is not running out of mechanical damage to the foreign object located on the back side of the chamber to the chamber bottom. All corners are rounded goby foreign objects do not leak into the outer chamber is easy to clean and easy maintenance. The shelf with adjustable height with 25mm interval is provided. Using advanced processing of mineral wool insulation of aluminum barrier. There is no odor, less dust. The operation of the heater and the fan stops when you open the door, and we consider your safety. RS-232c or 485 Interface port, software, com port cable, thermal printer (optional)

SPECIFICATION

MODEL NO	PHDO 100	PHDO 150
Dimension_IN(WxDxH)mm	500 x 400 x 500	500 x 500 x 600
Dimension_OUT(WxDxH)mm	645 x 670 x 760	645 x 770 x 860
Chamber volume(L)	100	150
Heater	1.0kw	1.2kw
Power consumption	4.8A	5.6A
Plug type	European 220 VAC STD plug	
Electrical requirement	220 VAC 50/60 Hz	
Electrical	Electrical leakage breaker, with the use of fuses which are optimal to each part, overcurrent is shut- off.	
Sensor	PT 100 Ω	
Controller	Digital PID controller with timer, auto-tuning, 5 kinds of image print out	
Temp.Heating type	Direct heating by stainless steel incolony heater	
Temp.Range	1 Room temp 5°C to 250°C	
Temp.Accuracy	±2.0°C at 150°C	
Temp.Wait off timer	mm:ss 59 / hh:mm 99 / Continuous selectable	
Temp.Heat up time to 120°C	Within 15 minutes	Within 20 minutes
Material-In	Stainless steel 0.8t SUS-304	
Material-Out	Steel Plate with powder coating	
Material- Insulation	Mineral wool 60mm/w woven aluminum barrier	
Safety device	Over heat protector, PT sensor Heat protective barrier of controller box	
Shelves included	2	2
Option	RS-232c or 485 Interface port, software, com port cable, thermal printer	

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