



# HIGH TEMP DRYING OVEN

## Application

- High temperature testing for Semi-Conductor, Lenz, Glass and etc.
- Heat-resistance testing, Degeneration or Denaturation Testing.

## General Features

### ■ High Temperature Experiment

Specially produced to enable the usage up to 500°C, the maximum temperature, the condition that cannot be experimented with general dryer.

### ■ Timer Function

When reaching the temperature set, the operation takes place according to the duration set. Alarm devices informs of the termination of the operation, and stops the machine. It is convenient to use.

### ■ Program PID Controller

Can operate 10 steps temp. change testing and repeating testing with Auto-Tuning.

### ■ Durability

SUS310 or thick SUS304 for high temp., Ceramic Wool and Glass Wool, Silicon Packing.

### ■ Fan Motor(Against High Temp.)

High Performance Fan Motor for accurate temp. control, temp. stability and uniformity.

### ■ Timer

Timer will start when present temp. reaches the setting temp. value, and work for set time.

### ■ Order Made

We, DAIKI can supply so many various different models(Capacity, Temp. Range, Pecorder) for customer's request.

### ■ Safety Device

There is over temp. Limit Switch to protect over heating. If the temperature of chamber inside will be over the set value, this switch will disconnect the power supply to the heater. And also, if the temperature will come down under the set value, this Limit Switch will be back to the first situation.

### ■ Relay Switch(Optional)

On customer's request, we can set 380V, three phase power supply for high electric supply with relay switch.

### ■ Temperature Sensor

PT-100 Ω, 0.15 Grade is used for accurate temperature control by sensor.



DK-HDO 001

## Specification

Model	DK-HDO 001-LT	DK-HDO 001
Convection Type	Air Convection Type	Forced Convection Type
Temp. Controller	Digital PID Controller	10 Step program Control(LCD Display)
Temp. Range	Amb.+5°C ~ 350 °C	80 °C ~ 500 °C
Temp. Accuracy	±2 °C at 350 °C	
Temp. Sensor	PT 100Ω / 0.15Grade	
Timer	Digital Timer 99Hr. 59Min. or Infinity	
Dimension(IN)	450 × 450 × 450(H)mm	500 × 500 × 500(H)mm
Dimension(OUT)	500 × 500 × 500(H)mm	700 × 680 × 950(H)mm
Capacity	95 Liters	125 Liters
Shelves	Stainless Steel Wire Shelves × 2EA	Stainless Steel Punching Plate Shelves × 2EA
Material(IN)	SUS304	SUS310
Material(OUT)	SCP-1 with Powder Coating	
Insulation	Glass Wool	Ceramic Fiber
Safety Device	Over Load S/W	
Circulation Fan	No	1/8 HP
Power(220~240V, 50/60Hz)	3.0Kw	4Kw