



MULTI-ROOM DRYING OVEN



DK-MDO 010



Controller

Application

- Heat Resistance Test, Degeneration or Denaturation Test, Sample Drying Test, Sample Sanitization Test in the different temperature conditions.

General Features

- **Independent Management**
Each independent 4Room have separate Temp. controller attached for independent management.
- **Comparison Experiment**
It is possible to obtain experiment result in a short period of time since it is possible to experiment dryness or temperature change in different temperature condition.
- **Safety Device**
Two kinds of safety device protects over heating and loading
- **Order Made**
We, DAIKI can supply so many various different models (Capacity, Temp. Range and etc.) for customer's request.
- **Wide Temperature Range**
It is possible for user to set the temperature between 40 °C and 200 °C or 250 °C
- **Glass Window**
The user can see inside to check the sample's drying condition because there is Heat-Resisting Glass in the door.
- **Temperature Controller**
The Digital PID Controller is used for accurate temperature control.
- **Temperature Sensor**
PT-100Ω, 0.15 Grade is used for accurate temperature control by sensor.
- **Shelves**
The user can choose the shelf type between plate shelf with hole or wire rack shelf.

Specification

Model	DK-MDO 001	DK-MDO 010
Convection Type	Natural Convection Type	Forced Convection Type
Temp. Range	40 °C to 200 °C	40 °C to 250 °C
Temp. Accuracy	±1.5 °C at 100 °C	±1 °C at 100 °C
Circulation Fan	None	1/8HP x 4EA
Temp. controller	Digital P.I.D Controller x 4EA	
Timer	Digital Timer 99hr 59min. or Infinity	
Dimension(IN)	500 x 500 x 500(H) mm x 4Chamber	
Dimension(OUT)	1620 x 680 x 1650(H) mm	
Capacity	Each 125Liter x 4Chamber(Total 500Liter)	
Shelves	Each 2EA x 4Chamber(Total 8EA)	
Material(IN)	Stainless Steel (STS304 Polishing Plate)	
Material(OUT)	SCP-1 With Powder Coating	
Door	Silicon Packing Door With Window	
Safety Device	Hydraulic Temperature Controller	
Power(AC 220V, 60HZ)	4KW	5KW

! The instruments have been tested in 220V, 60Hz power condition. There can be performance difference according as power condition of each country