

Sterilizing Oven

DOF-HAS20A DOF-HAS50A DOF-HAS70A
DOF-HAS100A DOF-HAS200A



DOF-HAS20A DOF-HAS50A
DOF-HAS100A DOF-HAS200A



DOF-HAS70A

Features

Energy saving

The sealing ring of incubator adopts a new type of synthetic silicone sealing strip, which effectively prevents heat loss.

Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.

High efficiency and energy saving compressor, stable temperature control and low power consumption.

Intelligent LCD control

Large-screen LCD display, real-time display of parameters, self-locking function of screen, simple and convenient operation.

Running function: fixed value running, timing running. The screen will display 'END' with a beeping reminder after the running time is completed.



Internal circulation system

Adopts high-quality fan and large impeller fan, the machine has higher ventilation efficiency and better temperature uniformity.

The circulation system adopts the back suction and the bottom vertical air supply mode.

The shelf is laser hollowed out with round holes for better ventilation and better temperature uniformity.



Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down, with a minimum spacing of 30mm.

The inner tank is made of high-quality brushed stainless steel, with strong corrosion resistance.

Built in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.



SAFETY

Equipped with leakage protection device to ensure the safety of operators and other equipment in the laboratory.

With limited temperature control sound and light alarm system.

Self-diagnosis function: display/fault information, which is convenient for judging the fault point.

Description

It uses high-temperature dry heat to oxidize microorganisms, denature proteins, and cause poisoning due to electrolyte concentration. The main one is to destroy the cell protoplasm through oxidation, so that the microorganisms die, so all microorganisms can be killed within a certain heating time.



Specification

| Model | DOF-HAS20A | DOF-HAS50A | DOF-HAS70A | DOF-HAS100A | DOF-HAS200A | |
|---|---|---|---|---|---|-------------|
| Capacity(L) | 20 | 50 | 70 | 100 | 200 | |
| Circulation | Forced air convection | Forced air convection | Forced air convection | Forced air convection | Forced air convection | |
| Dimension (W*D*H) | Internal (mm) | 420*350*350 | 400*375*470 | 550*350*520 | 600*550*570 | |
| | External (mm) | 600*600*650 | 650*640*1030 | 650*640*1030 | 970*740*860 | 990*860*920 |
| Temperature | Range (°C) | RT+10-250 | RT+10-250 | RT+10-250 | RT+10-250 | |
| | Fluctuation(°C) | ±0.5 | ±0.5 | ±0.5 | ±0.5 | |
| Temperature Uniformity (°C) | Resolution(°C) | 0.1 | 0.1 | 0.1 | 0.1 | |
| | Uniformity (°C) | ±2.5% | ±2.5% | ±2.5% | ±2.5% | |
| Controller | Sensor | PT100 | PT100 | PT100 | PT100 | |
| | Display | PID | PID | PID | PID | |
| Timer (min) | LCD | LCD | LCD | LCD | LCD | |
| | Material | 1-9999 | 1-9999 | 1-9999 | 1-9999 | |
| Material | Internal | Stainless steel | Stainless steel | Stainless steel | Stainless steel | |
| | External | Electro-galvanized steel with antimicrobial powder coating | Electro-galvanized steel with antimicrobial powder coating | Electro-galvanized steel with antimicrobial powder coating | Electro-galvanized steel with antimicrobial powder coating | |
| Shelves | 2 | 2 | 2 | 2 | 2 | |
| Test Hole (mm) | Optional φ25,50,80 | Optional φ25,50,80 | Optional φ25,50,80 | Optional φ25,50,80 | Optional φ25,50,80 | |
| Safety Device | Leakage protector/Over-temperature alarm | Leakage protector/Over-temperature alarm | Leakage protector/Over-temperature alarm | Leakage protector/Over-temperature alarm | Leakage protector/Over-temperature alarm | |
| | Electric | Voltage/Frequency(V/Hz) | 220/50 | 220/50 | 220/50 | 220/50 |
| N.W./G.W. (kg) | Consumption(W) | 500 | 750 | 1050 | 1500 | 2000 |
| | Shipping Dimension(W*D*H)(mm) | 271/30 | 421/45 | 551/60 | 701/60 | 861/97 |
| Optional | 600*600*650 | 780*640*640 | 650*640*1030 | 940*670*800 | 990*860*920 | |
| | Intelligent temperature limiting controller | Intelligent temperature limiting controller | Intelligent temperature limiting controller | Intelligent temperature limiting controller | Intelligent temperature limiting controller | |
| Intelligent LCD procedure temperature controller (Optional USB,RS485/232 and printer) | Intelligent LCD procedure temperature controller (Optional USB,RS485/232 and printer) | Intelligent LCD procedure temperature controller (Optional USB,RS485/232 and printer) | Intelligent LCD procedure temperature controller (Optional USB,RS485/232 and printer) | Intelligent LCD procedure temperature controller (Optional USB,RS485/232 and printer) | Intelligent LCD procedure temperature controller (Optional USB,RS485/232 and printer) | |