

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.

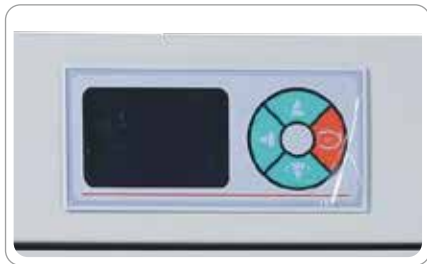
High efficiency and energy saving compressor, stable temperature control and low power consumption.



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.



Heating time

Heating time up to set temperature 60 min.

Pre-set sterilization modes with program controller: 180°C, 60 min; 160°C, 150 min; 120°C, 45 min.

Fault disconnect at temperature 205 - 235°C with independent temperature limiting controller.

Continuous operation time 8 hours.

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.



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: Automatic diagnosis with error code display, 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)	300*300*270		420*350*350		400*375*470		550*350*520		600*550*570	
	External (mm)	600*600*650		760*640*640		650*640*1030		970*740*860		990*860*920	
Temperature	Range (℃)	RT+10-250				RT+10-250					
	Fluctuation(℃)	±0.5				±0.5					
	Resolution(℃)	0.1				0.1					
	Uniformity (℃)	±2.5%				±2.5%					
	Sensor	PT100				PT100					
Controller		PID				PID					
Display		LCD				LCD					
Timer(min)		1-9999min, time deviation 1 min				1-9999					
Material	Internal	Stainless steel				Stainless steel					
	External	Electro-galvanized steel with antimicrobial powder coating				Electro-galvanized steel with antimicrobial powder coating					
Shelves		2				2					
Test Hole (mm)		Optional φ25,50,80				Optional φ25,50,80					
Safety Device		Leakage protector/Over- temperature alarm				Leakage protector/Over- temperature alarm					
Electricit	Voltage/Frequency(V/Hz)	220/50				220/50					
	Consumption(W)	500	750			1050	1500	2000			
N.W./G.W. (kg)		27/30		42/45		55/60		70/60		86/97	
Shipping Dimension(W*D*H)(mm)		600*600*650		760*640*640		650*640*1030		940*670*800		990*860*920	
Optional		Independent temperature limiting controller, temperature program controller				Independent 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)					