

Thermomac



Hot Air Sterilizing Drying Oven

SDO SERIES

The device uses physical method to achieve disinfection and sterilizing. It takes advantage of high-temperature and hot air to cause intoxication on microbial oxidation, protein denaturation, and electrolyte concentration. By disinfection principle, it destroys protoplasmic cell to kill all the microorganisms in a certain period of heating time.

Characteristics:



- Cold rolling steel electrostatic spraying exterior.
- Stainless steel inner chamber, semicircular arcs at corners for easy cleaning. The space between the shelves in the chamber is adjustable. The two sides heating air passage and bottom heating cover can be fast assembled and disassembled.
- PID micro-computer intelligent temperature controller with functions of timing of operation, fixed temperature operation (0-9999min), over-temperature alarm, automatically stop, dual display, precisely temperature control and convenient to read.
- Vertical double Duct Lining, turbine of centrifugal force air, temperature is more uniform. The special air forced air heat radiation construction ensures the low noise fan temperature less 50. Turbine centrifugal fan ensures the fan can be used more longer time.
- High quality heat isolation door with wide hollow tempered glass observation window, adjustable air-tight buckle lock and silicon rubber seal.
- With adjustor to adjust the fan speed, the user can choose to use the fan, and adjust the speed to ensure high temperature evenness, or not use the fan to avoid the powder or other small samples moving the inner chamber.
- Independent audible and visible temperature-limiting alarm system, cut off the power automatically when over temperature limit, ensures experiments run safely and no accident would happen.
- CE marked
- 2 years warranty.

Technical Specification:

MODEL	SDO30	SDO45	SDO60	SDO85	SDO125	SDO230
Voltage	200V/50-60Hz					
Tem.Range	RT +10~300°C					
Tem. Motion	±1.0°C					
Tem. Resolution Ratio	0.1°C					
Ambient Tem.	5-40°C					
Heating Power(kw)	0.8	1.2	1.6	1.8	2.3	3
Inner chamber size(mm)	310*310*310	350*350*350	400*360*450	450*420*450	500*450*550	660*500*750
Exterior Size(mm)	450*490*685	490*530*730	540*540*830	590*630*830	640*630*930	730*670*1220
Packing Size(mm)	550*575*780	630*600*820	650*640*920	680*720*920	760*730*1020	900*790*1365
Load per rack	15kg for 2 standard configuration					
Net Weight (kg)	33	37	44	52	60	94
Timing Range	0-9999min					

Ordering Information:

PART CODE	DESCRIPTION
001035001	SD030 Hot Air Sterilizing Drying Oven 30 Liters supplied with 2 Shelves
001035002	SD045 Hot Air Sterilizing Drying Oven 45 Liters supplied with 2 Shelves
001035003	SD060 Hot Air Sterilizing Drying Oven 60 Liters supplied with 2 Shelves
001035004	SD0125 Hot Air Sterilizing Drying Oven 125 Liters supplied with 2 Shelves
001035005	SD0230 Hot Air Sterilizing Drying Oven 230 Liters supplied with 2 Shelves