Lab Companion

Industrial Oven Oven-150

Custom Solution

Brief Introduction

Our large-capacity high-temperature industrial ovens can be customized with various optional functions, sizes/indicators/capacity, etc. according to user requirements. The maximum temperature limit optional 300°C.

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Particularities:

❇High-strength, high-reliability structural design - to ensure the high reliability of the equipment;

❇The inner chamber material is SUS304 stainless steel - anti-corrosion, strong hot and cold fatigue function, and long service life;

❇High density polyurethane foam insulation - ensures minimal heat loss;

❇Plastic-sprayed surface – to ensure the lasting anti-corrosion function and appearance life of the equipment;

❇High-strength temperature-resistant silicone rubber sealing strip – ensures the high sealing performance of the equipment door;

❇A variety of optional functions (test hole, shelf, etc.) meets the user's needs for various functions and tests;

❇Environmentally friendly refrigerants – to ensure that the equipment is more in line with your environmental protection requirements;

❇Triple protection mechanism.

❇USB interface and Ethernet communication function enable the communication and software expansion function of the device to meet various needs of customers.

Technical Features:

Dimensions (mm)	Width	Height	Depth
Useful	600	500	510
Overall	960	1080	980

Common use of temperature:
175℃
Controller model:
C100

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Appearance Introduction and Description:

1. Front and side of the machine

Number	Name	Illustration
1	The control panel	Operation panel for machine operation
2	The test hole	An external power supply can be plugged in from the test hole for live product testing
3	The door lock	Pull the vertical door to open it

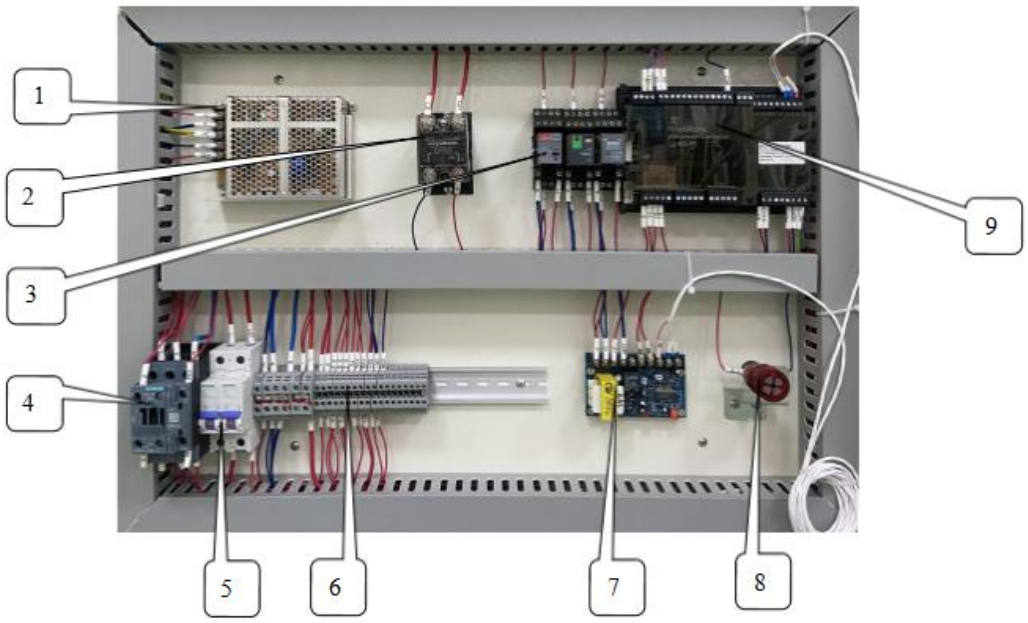
2. Control panel

Number	Name	Illustration
1	Power switch	Control the power of panel
2	Over temperature Setting	To Set the upper temperature limit in the test area
3	USB interface	Used to copy curves or document-related data
4	Controller	Touch screen programmable controller (Refer to controller manual)

3. Test area

Number	Name	Illustration
1	Sealant	Heat preservation and air leakage prevention
2	Sample rack track	Used to secure the sample holder
3	Sample holder	Used to place test products

4. Power distribution room



Number	Name	Number	Name
1	Dc power supply	6	Connector terminal
2	Solid state relay	7	Overheated plate
3	Intermediate relay	8	Buzzer
4	Ac contactor	9	Temperature controller
5	Circuit breaker		

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Test Report:

Temperature°C / Scatter	85°C	125°C	175°C
A	85.4	125.0	175.5
B	85.2	125.4	175.3
C	85.0	125.0	175.8
D	85.5	125.3	175.6
E	85.8	125.5	175.2
F	86.1	125.8	175.0
G	85.7	125.6	175.2
H	85.8	125.4	175.4
O	85.6	125.7	175.2
Temperature deviation	1.1	0.7	0.8
Temperature uniformity	1.1	0.7	0.8