

Circuit board aging test chamber OVEN-96TO-2C

Custom solutions

The live aging test box is also called the circuit board aging box. The live aging test chamber is different from the general equipment, it not only assumes the responsibility of simulating high temperature, but also considers the power state of the load and the signal acceptance. It is a powerful smart aging instrument. Used in a large number of auto parts or semi-finished products industry, electrical parts or semi-finished products industry, aviation, home appliance parts or semi-finished products industry, paint parts or semi-finished products industry, chemical parts or semi-finished products industry, scientific research laboratories or universities and other fields.



Technical characteristics

Performance:

Type:OVEN-96TO-2C

Temperature range: RT°C~+150°C. (Any setting is available)

Temperature fluctuations: $\pm 0.5^{\circ}\text{C}$

Temperature deviation: $\pm 2.0^{\circ}\text{C}$

Temperature uniformity: $\leq 2.0^{\circ}\text{C}$

Temperature rise rate: RT°C ~ + 150°C, 3.5°C / min (Nonlinear no-load)

Temperature drop rate: RT°C+10°C ~ +150°C, 1~3°C / min (Nonlinear no-load)

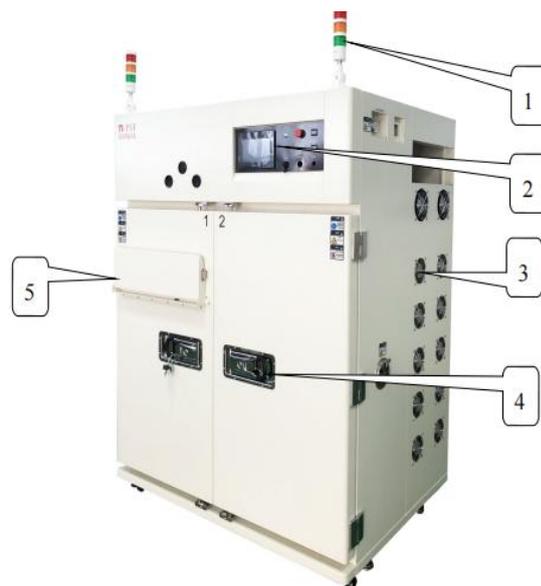
Power: 7KW

Dimensions (mm)	W	H	D
Use full	310	1100	290
Overall	1448	2210	1090

Structural features:

1. Two independent test areas, independent over control temperature setting, and two sets of control systems, which can test different temperature conditions at the same time.
- 2, The studio material is SUS304 stainless steel, with strong cold and hot fatigue function and long service life.
- 3, high strength temperature resistant silicone rubber sealing strip, to ensure the high sealing of the equipment door, ultrafine centrifugal glass fiber + polyurethane mixed insulation layer-to ensure that the heat loss to the minimum, the equipment temperature resistance is higher.
4. Two sets of ventilation and heat dissipation devices: if the deviation between the temperature in the box and the set temperature reaches more than 5 degrees, it will be scattered
The hot fan starts to bring the excess heat out of the test area.

number	name	illustrate
1	Tricolor lamp	Green light operation, yellow light standby, red light failure
2	Control panel	The machine uses the operating interface
3	Cooling fan	ventilation and heat dissipation
4	Gate lock	Pull the vertical bar and the left triangular handle to open the door
5	Place the rack	Place the wireless keyboard and mouse



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► Design feature

- 1, the super temperature protection device, to prevent the temperature control failure continues to heat up, to ensure the safety of the baked goods
- 2, the hot air circulation duct design is clever, the hot air in the oven circulation coverage rate is high, the material is dry evenly, and the energy saving
- 3, LED double number display intelligent instrument temperature control, PID calculation, automatic control, constant temperature, simple operation, accurate temperature control
4. It can work at constant temperature 24 hours a day, and set any time for 1 second ~99.99 hours. After the time arrives, it can automatically stop heating and beep.
5. The exhaust outlet is equipped with a ventilation device.
6. Air and heat dissipation device: if the deviation between the temperature in the box and the set temperature reaches more than 5 degrees, the heat dissipation fan starts and takes the excess heat out of the test area.



Internal test structure