

## Vacuum Oven



### Introduction

Vacuum Oven is the high temperature testing equipments. The specimens can be tested in high temperature and vacuum environment.

Vacuum oven is used for flammable materials testing.

TCT vacuum ovens include more types, users can choose their suitable type.

### Using Areas

- |                               |                                    |
|-------------------------------|------------------------------------|
| ➤ Electronic products testing | ➤ Heat resisting materials testing |
| ➤ Laboratory applications     | ➤ Research institutions            |
| ➤ Productive enterprises      | ➤ Others                           |

### The advantages of TCT Vacuum Oven

- Famous Digital controller, easier to operate
- Higher test precisions of temperature
- Humanized observation window with light
- Using more famous components, the performance is better
- 1 year warranty period for machine + 3 years free providing for spare parts.

### Production Standards

- GB/T2423.1-2001 GB/T2423.3-1993 GB/T2423.2-2001.
- IEC60068-3-5, IEC60068-2-03, MIL-STD-810F, MIL-STD-883C, JIS-C60068
- JESD22-A101-B-2004, JESD22-A103-C-2004, JESD-A119-C-2004

Common Specifications		
Internal materials	SUS304 stainless steel	
External materials	High quality cold rolled steel sheet	
Temperature fluctuation	±0.5℃	
Temperature uniformity	±2.0℃	
Heating rate	2.0~3.0℃ / min (no-load)	
Cooling rate	1.0~2.0℃ / min (no-load)	
Vacuum Degree	≤133 Pa	
Observation window	Non-condensation observation window with light	
Test hole	Stainless steel test hole, 1 set × 50mm diameter (Option)	
Test shelf	Stainless steel test shelf, 2 pieces (height-adjustable)	
Sealing material	Silicon rubber sealing ring	
Heat insulating material	PU FOAM + Glass fiber cotton	
Air supply system	Fan	Axial flow fan + centrifugal fan
	Circulation mode	Forced air circulation
Control system	Controller	Famous Digital controller Program controller (options)
	Running mode	Fix running
	Sensor	PT100
Safety function	Over-temperature protection	
	Electric leakage protection	
	Power phase protection	
	Over-current protection	
	Fuse protection	
	Ground protection	
Noise	≤65 dB	
Power supply standard	120V/220V/240V/380V/415V, 50Hz/60Hz, Single or three phases	

## Standard Model

Model	Working room size(L×W×H)	Temperature Range	Standards
DHG-6021E	300×300×275mm (24.7 Liters)	Rt+10 ~ +200℃	Digital Controller
DHG-6051E	415×370×345mm (52.9 Liters)		
DHG-6123EP	500×500×500mm (125 Liters)	Rt+10 ~ +200℃	LCD Controller
DHG-6063EP	400×400×400mm (64 Liters)		
DHG-6033EP	320×320×320mm (32.7 Liters)		
DHG-6020F	300×300×275mm (24.7 Liters)	Rt+10 ~ +250℃	Digital Controller
DHG-6050F	415×370×345mm (52.9 Liters)		
DHG-6090F	450×450×450mm (91.1 Liters)		
DHG-6210F	560×640×600mm (215 Liters)		
DHG-6250F	700×600×600mm (252 Liters)		
DHG-6020FC	300×300×275mm (24.7 Liters)	Rt+10 ~ +250℃	Digital Controller Vacuum Pump
DHG-6050FC	415×370×345mm (52.9 Liters)		
DHG-6090FC	450×450×450mm (91.1 Liters)		
DHG-6210FC	560×640×600mm (215 Liters)		

**If you have the more requirements, please contact us!**