



## Uniform Heating Vacuum Sintering Furnace With Advanced Automation Control

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: OEM
- Certification: CE Certification
- Model Number: OEM
- Minimum Order Quantity: Negotiable
- Price: Negotiable
- Packaging Details: Carton, pallet, wooden case or according to customer's package requirements
- Delivery Time: 30 working days
- Payment Terms: 30% deposit + 70% T/T before shipping
- Supply Ability: 20 sets per month



### Product Specification

- Name: Vacuum Sintering Furnace
- Heating: Uniform Heating
- Power: 250/400/500/800
- Heating Method: Resistance Heating
- Rated Power Supply Voltage: 380V
- Control: Advanced Automation Control
- Highlight: **vacuum tempering furnace, high vacuum furnace**

for more products please visit us on [newarrivals2025.com](http://newarrivals2025.com)

## Product Description

### Uniform Heating Vacuum Sintering Furnace With Advanced Automation Control

#### Vacuum Sintering Furnace Application :

Used for high temperature sintering of carbon fiber, carbon material, C/C composite material, metal powder products, photoelectric components, hard alloys, magnetic alloys, ceramic powder materials, and other materials, and has dewaxing function.

#### Vacuum Sintering Furnace Features:

Uniform heating, reliable insulation and temperature measurement;  
Reasonable heating structure, high-quality materials to ensure uniformity of furnace temperature under vacuum;  
The use of domestic and international brand temperature measuring components to ensure the accuracy of temperature measurement.

#### Vacuum Sintering Furnace applicability

Single chamber, vertical structure, compact and reasonable equipment layout, small footprint;  
Advanced automatic control, comprehensive PLC water, electricity, gas automatic control and protection system, PLC realizes safety chain, with sound and light alarms such as over temperature, sensor break, water pressure, furnace overpressure, water flow, high water temperature; energy saving;  
Resistive heating within 2000 °C, high temperature control accuracy, no noise, no pollution to the power grid, high energy utilization;  
The low temperature section and the high temperature section are respectively controlled by different temperature control elements and automatically switched;  
The high-temperature section is cooled by natural cooling, and the low-temperature section can be cooled by charging positive pressure inert gas.

Volume (L)	423	1250	2387	5086
Rated temperature (°C)	2000	2000	2000	2000
Limit temperature (°C)	2100	2100	2100	2100
Effective heating zone (mm)	Φ600X1500	Φ1000X1600	Φ1300X1800	Φ1800X2000
Power (KW)	250	400	500	800
Temperature control method	Japanese island electric thermostat			
heating method	Resistance heating			
Vacuum system	Spool valve vacuum pump + Roots vacuum pump (vacuum degree requirements high with oil diffusion pump)			
Sintering atmosphere	N <sub>2</sub> , Ar <sub>2</sub> and other gases			
Rated power supply voltage (V)	380			
Rated heating voltage (V)	According to the design, the pre-furnace transformer is configured.			
Vacuum limit (Pa)	6X10 <sup>-2</sup> (vacuum cold state)			

**VIKING Jinan Yinghua Outdoor Equipment Co., Ltd.**

+8618812345678    Puooedr@maoyt.com    [newarrivals2025.com](http://newarrivals2025.com)

Room 402.Dongbao Building, No.19 Dongbao Road, Chaoyang, Beijing 201613, China