



Large Volume Vacuum Sintering Furnace For C / C Graphite Crucible 2800

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
- Feature: Low Energy Consumption
- Dimension(L*W*H): Custom
- Cooling Method: Internal Circulation Cooling
- Max Operating Temp: 3000 °C
- Application: Graphite Crucible
- Highlight: **vacuum tempering furnace, high vacuum furnace**

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Product Description

Large Volume Vacuum Sintering Furnace For C/C Graphite Crucible 2800

Application:

Ultra-high temperature furnace within 3000 °C, specially used for large-scale C/C graphite crucible, C/C large-size cylinder, large-scale carbon material graphitization and other scale production.

Technical parameters and specifications:

1. Large volume: large graphite crucible can meet the graphitization of large carbon materials; medium frequency induction heating, fast heating and high efficiency;
2. Low energy consumption and good stability: the world's first use of double-layer alumina brick insulation material to prevent carbon felt and coil short circuit, good heat insulation and fire resistance, low heat 3. loss and good equipment stability;
4. According to the needs of the sintering process time, a plurality of electric furnaces can be arranged in a single power supply, and the plurality of furnaces are respectively energized to raise temperature and power off and cool down to achieve continuous operation;
5. Digital flow monitoring system, water flow monitoring and protection of each power supply cabinet, high-performance intermediate frequency contactor for furnace conversion; comprehensive PLC water, electricity and gas automatic control and protection system.

Volume (L)	703	1000	1500	2260
Rated temperature (°C)	2800	2800	2600	2600
Limit temperature (°C)	3000	3000	2800	2800
Effective heating zone (mm)	Φ800X1400	Φ900X1600	Φ1000X2000	Φ1200X2000
Power (KW)	500	600	800	1200
Frequency (HZ)	1000	1000	1000	1000
Discharge method	Payment fee / descent			
Temperature control method	Japanese island electric thermostat			
heating method	Induction heating			
Vacuum system	Rotary vane vacuum pump (high vacuum requirement with Roots vacuum pump)			
Sintering atmosphere	N ₂ , Ar ² Etc			
Rated power supply voltage (V)	380			
Rated heating voltage (V)	750			
Vacuum limit (pa)	100 (vacuum cold state)			



Jinan Yinghua Outdoor Equipment Co., Ltd.



+8618812345678



Puooedr@maoyt.com



newarrivals2025.com

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