



Customized Metal Sintering Furnace Powder Metallurgy with Multiple Electric

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: Metal Sintering Furnace
- Feature: Multiple Electric
- Dimension(L*W*H): Custom
- Cooling Method: Internal Circulation Cooling
- Max Operating Temp: 2450 ° C
- Application: Silicon Carbide Recrystallization
- Highlight: **vacuum tempering furnace, high vacuum furnace**

for more products please visit us on newarrivals2025.com

Product Description

Customized Metal Sintering Furnace , Sintering Furnace Powder Metallurgy

Metal Sintering Furnace Application:

Vacuum Sintering Furnace Mainly used for recrystallization of silicon carbide

Metal Sintering Furnace Main technical

Maximum operating temperature: 2450 ° C

Common temperature: 2400 ° C

Heating method: induction heating

Working gas in the furnace: nitrogen argon

Temperature uniformity: $\leq \pm 10^{\circ}\text{C}$

Temperature control accuracy: $\pm 1^{\circ}\text{C}$

According to the needs of the sintering process time, multiple electric furnaces can be arranged in a single power supply, and the heating and cooling of the individual furnaces can be respectively performed to achieve continuous operation.

Temperature measurement: WRe5/26 thermocouple (0-1700 °C) + US RATEK dual colorimetric infrared thermometer (1000-3200 °C); US RATEK monochrome infrared thermometer (300-1100 °C) + US RATEK double ratio Color infrared thermometer (1000-3200 °C)

Temperature control: PID intelligent program control and manual control

Superior process performance, making product quality a new step

The silicon carbide sintering furnace has excellent process performance, and the produced product has uniform particles, complete reaction, high carbon content and good quality;

The device has data recording and dumping functions, and the data can be viewed through the historical curve and can be transferred to the mobile storage medium;

Energy-saving, special coil and insulation structure, stable power output and high electrical efficiency.

| | | | | |
|--------------------------------|--|--------------|--------------|--------------|
| Volume (L) | 192 | 350 | 484 | 1920 |
| Rated temperature (°C) | 2400 | 2400 | 2400 | 2400 |
| Limit temperature (°C) | 2450 | 2450 | 2450 | 2450 |
| Effective heating zone (mm) | 400X400X1200 | 500X500X1400 | 550X550X1600 | 800X800X3000 |
| Power (KW) | 150 | 250 | 350 | 550 |
| Frequency (HZ) | 1500 | 1000 | 1000 | 1000 |
| Temperature control method | Japanese island electric thermostat | | | |
| heating method | Induction heating | | | |
| Vacuum system | Spool valve vacuum pump + Roots vacuum pump | | | |
| Sintering atmosphere | N2, Ar2, etc. | | | |
| Rated power supply voltage (V) | 380 | | | |
| Rated heating voltage (V) | According to the design, configure the transformer | | | |
| Vacuum limit (pa) | 40 (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