



CVD Chemical Vapor Deposition Furnace , Auto Zirconia Sintering Furnace

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: Chemical Vapor Deposition Furnace
- Feature: Auto
- Dimension(L*W*H): 35L
- Cooling Method: Internal Circulation Cooling
- Max Operating Temp: 1500
- Application: CVD Chemical Vapor Deposition
- Highlight: vacuum brazing furnace, high temp furnace

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Product Description

CVD Chemical Vapor Deposition Furnace , Auto Zirconia Sintering Furnace

Chemical Vapor Deposition Furnace Application:

Chemical Vapor Deposition Furnace can be used for chemical vapor deposition of composite materials with carbon gas (such as C₃H₈, etc.) as carbon source, such as CVD and CVI treatment of C/C composite materials and SiC composite materials.

Chemical Vapor Deposition Furnace Features:

Using advanced control technology, it can precisely control the flow and pressure of the gas, the deposition gas flow in the furnace is stable, and the pressure fluctuation range is small;

The special structure deposition chamber has good sealing effect and strong anti-pollution ability;

The multi-channel deposition gas path is adopted, the flow field is uniform, the deposition dead angle is not formed, and the deposition effect is good;

Highly corrosive tail gas, flammable and explosive gas, solid dust and low melting point viscous products produced by deposition can be effectively treated;

The latest design anti-corrosion vacuum unit has a long working time and low maintenance rate.

Main configuration of deposition furnace

Furnace door: screw lift / / hydraulic lift /; manual lock / automatic lock ring lock

Furnace shell: full carbon steel / inner layer stainless steel / all stainless steel

Furnace: soft carbon felt / soft graphite felt / hard composite felt

Heater: isostatic graphite / molded three high graphite / fine graphite

Process gas system: volume / mass flow meter; manual valve / automatic valve; imported / domestic

Vacuum pump and vacuum gauge---import/domestic

Man-machine interface: touch screen / industrial computer

Electrical components: Chint / Schneider / Siemens

Volume (L)	35	226	602	1177	1899
Maximum temperature (°C)	1500	1500	1500	1500	1500
Work area size D × H (mm)	Φ300×500	Φ600×800	Φ800×1200	Φ1000×1500	Φ1100×2000
Temperature control method	Japan Island Electric Temperature Controller				
heating method	Resistance heating				
Vacuum system	Anti-fouling pump or spool pump + Roots pump				
Sintering atmosphere	Hydrocarbon gas, etc.				
Rated power supply voltage (V)	380				
Rated heating voltage (V)	According to the design, configure the furnace transformer				
Vacuum limit (Pa)	6X10 ⁻² (vacuum cold state)				



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