



## High Efficiency Vertical Vacuum Furnace / Industrial Vacuum Furnace Easy Operation

### 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

- Features: Convenient Operation
- Dimension(L\*W\*H): Custom Made
- Structure: Vertical Type
- Name: Industrial Vacuum Furnace
- Highlight: **high temperature vacuum furnace , vacuum brazing furnace**

## Product Description

High Efficiency Vertical Vacuum Furnace / Industrial Vacuum Furnace Easy Operation

### 1. Features

It is used for carbonization and graphitization of carbon materials; stereotyping of carbon fiber filaments and other materials that can be sintered in a carbon environment. The furnace has the advantages of novel structure and convenient operation.

### 3. Technical parameters and model specifications

The temperature uniformity of the furnace body: the medium frequency induction heating, fast heating, high efficiency, unique furnace design, greatly improving the temperature uniformity of the furnace;

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 loss and good equipment stability;

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;

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.


### 3. Application

Ultra-high temperature furnace within 3000 °C, used for graphitization experiments and production of various carbon materials.

Product Model Specification	
Volume (L)	125
Rated Temperature (°C)	2800
Limit Temperature (°C)	3000
Effective Heating Zone (Mm)	Φ400X1000
Power (KW)	150
Frequency (HZ)	1500
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	N2, Ar2 and other gases
Rated Power Supply Voltage (V)	380
Rated Heating Voltage (V)	750
Vacuum Limit (Pa)	100 (vacuum cold state)

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