



Graphitization High Temperature Furnace Anode Material Low Energy Consumption

Our Product Introduction

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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: Graphite Anode Furnace
- Maximum Operating Temperature: 3000
- Common Temperature: 2800
- Temperature Uniformity: $\leq \pm 25^\circ \text{C}$
- Temperature Control Accuracy: $\pm 1^\circ \text{C}$
- Dimension(L*W*H): Custom Made
- Highlight: **high temperature vacuum furnace , high temp furnace**



Product Description

Anode Material Graphitization Furnace JR Series With Low Energy Consumption

Features:

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.

Technical parameters and model specifications:

Maximum operating temperature: 3000 ° C

Common temperature: 2800 ° C

Working atmosphere in the furnace: argon, nitrogen

Temperature uniformity: $\leq \pm 25$ ° C

Temperature measurement: infrared optical temperature measurement (1000-3200 ° C);

Temperature measurement accuracy: 0.2 to 0.75%

Temperature control: program control and manual control

Temperature control accuracy: ± 1 ° C

Application:

Applied to graphitization production of battery anode material

Volume (L)	125	196	282	550	1000	1500
Rated temperature (°C)	2800	2800	2800	2800	2800	2600
Limit temperature (°C)	3000	3000	3000	3000	3000	2800
Effective heating zone (mm)	Φ400X1000	Φ500X1000	Φ600X1000	Φ700X1400	Φ900X1600	Φ1000X2000
Power (KW)	150	250	350	550	700	1000
Frequency (HZ)	1500	1000	1000	1000	1000	1000
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 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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