

## 1600 °C Atmosphere Chamber Furnace



### 1600 °C atmosphere chamber furnace

- Brand:TOB NEW ENERGY
- Item No.:TOB-DSP-GF16
- Order(Moq):1set
- Payment:L/C,T/T,Western Union, Paypal
- Product Origin:China
- Shipping Port:XIAMEN
- Lead Time:7days

## Product Detail

### 1600 °C atmosphere chamber furnaces

## SPECIFICATIONS

TYPE	TOB-DSP-GF1600-I	TOB-DSP-GF1600-II	TOB-DSP-GF1600-III	TOB-DSP-GF1600-IV	TOB-DSP-GF1600-V	TOB-DSP-GF1600-VI
Power	3KW	5KW	7 KW	9KW	13 KW	27KW
Furnace tube size(mm)	160X150X150	200X200X200	300X200X200	300X250X250	400X300X300	500X400X400
Dimension	550X470X810	600X510X860	600X610X860	650X610X940	700X710X1355	880X710X1355
Power supply voltage	220V			380V		
Phase number	Single-phase					Three Phase
Heating element	1800 type silicon molybdenum rod					
Temperature control mode	<p>一.Yudian temperature control</p> <p>30 sections can only use PID temperature regulation.</p> <p>二.FP93 temperature control (from Japan)</p> <p>(Replace imported instruments, for an additional fee)</p> <p>1,40 section program temperature control can be divided into 4,2,1 group program,</p> <p>if the program is divided into four groups, each program segment 10,</p> <p>2,6 group PID control, low, medium and high temperature can each with a set of PID,</p> <p>such that each segment is capable of controlling the temperature is very accurate.</p>					
Control accuracy	+/- 1 °C					
Triggers	<p>1.Phase trigger (with soft start and current limiting function)</p> <p>2.Current limiting function: no matter how to adjust the heating time, our furnace transformer secondary current through the post is limited to 160A,</p>					

	<p>limited protection of equipment, no matter how you operate, the device will not burn.</p> <p>3.Soft-start function: When the power current will slowly increase, the impact on the heating element is small, help extend the life of the heating element</p>
SCR	106 / 16E Germany Semikron
Max temperature	1600°C
Rated temperature	1550 °C
Heating rate	≤20 °C / Min (available upon request modification)
Recommended heating rate	≤10 °C / Min
Thermocouple Type	Type B
Certification	CE
Surrounding surface temperature	≤45°C

**Maximum temperature use in a variety of atmosphere**

Atmosphere	Max temperature
NO <sub>2</sub> ,CO <sub>2</sub> ,O <sub>2</sub> ,Air	1600°C
He,Ar,Ne	1550°C
SO <sub>2</sub>	1500°C
CO,N <sub>2</sub>	1500°C
Wet H <sub>2</sub>	1300°C
Dry H <sub>2</sub>	1250°C

## Vacuum System Accessories



VRD-4



2XZ-2