

1400 °C Vacuum Box Atmosphere Furnace

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- Brand:TOB NEW ENERGY
- Item No.:TOB-DSP-VF1400°C
- Order(Moq):1set
- Payment:L/C,T/T,Western Union, Paypal
- Product Origin:China
- Shipping Port:XIAMEN
- Lead Time:7days

Product Detail

1400 °C vacuum box atmosphere furnace

SPECIFICATIONS

TYPE	TOB-DSP-VF1400°C-I	TOB-DSP-VF1400°C-II
Power	8KW	13KW
Furnace tube size(mm)	300X200X200	400X300X300
Dimension	600X610X 1440	700X 700X1540
Power supply voltage	220V	380V
Phase number	Single-phase	
Heating element	Silicon carbon rod	
Temperature control mode	<p>FP93 temperature control (from Japan)</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	Phase-shift trigger	
SCR	106 / 16E Germany Semikron	
Max temperature	1400°C	
Rated temperature	1350 °C	
Max temperature in vacuum	1200°C	
Vacuum degree in cold state	≤10Pa	
Heating rate	≤20 °C / Min (available upon request modification)	
Recommended heating rate	≤10 °C / Min	

Thermocouple Type	Type S
Certification	CE
Surrounding surface temperature	≤45°C

The max temperature under various atmospheres and acuum

Atmosphere	Max temperature
Air	1400°C
Vacuum	1100°C
N2	1270°C
H2	1100°C
Hydrocarbon gas	1150°C
Ar	1300°C

Furnace material: Polycrystalline alumina fibers (Alumina content of more than 95%) imported from Japan



Vacuum pump



VRD-16