

## 1100 °C Dual Temperature Zones High Temperature High Pressure Furnace



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- Brand:TOB NEW ENERGY
- Item No.:TOB-DSP-1100°C-HP
- Order(Moq):1set
- Payment:L/C,T/T,Western Union,  
Paypal
- Product Origin:China
- Shipping Port:XIAMEN
- Lead Time:7days

## Product Detail

### 1100 °C dual temperature zones high temperature high pressure furnace

## SPECIFICATIONS

Model	TOB-DSP-1100°C-HPI	TOB-DSP-1100°C-HPII
Power	3.5 KW	3.5 KW
Furnace tube size(mm)	Material: nickel-based alloy steels Dia 50(ID30) X1000	Material: nickel-based alloy steels Dia 85(ID50) X1000
Dimension	580X370X515	580X420X565
Power supply voltage	220V	
Phase number	Single-phase	
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	
Water-cooled	<p>When furnace heating needs water-cooled,</p> <p>Required water flow <math>\geq 35L / \text{min}</math>, water temperature <math>&lt;30^{\circ}\text{C}</math>;</p> <p>water pressure <math>&gt; 25 \text{ PSI}</math>.</p> <p>can optional water-cooled machine from our company</p>	
Trigger	Phase-shift trigger	
SCR	106 / 16E Germany Simon Kang	
The 1.2 temperature zone	<p>20Mpa temperature <math>\leq 800^{\circ}\text{C}</math></p> <p>12Mpa temperature <math>\leq 900^{\circ}\text{C}</math></p>	

max temperature	6Mpa temperatures $\leq 1000^{\circ}\text{C}$ 4Mpa temperatures $\leq 1100^{\circ}\text{C}$
The 1.2 rated temperature	1100 $^{\circ}\text{C} \leq 1\text{h}$ 1000 degrees can work long time
Heating rate	$\leq 10^{\circ}\text{C}/\text{Min}$ (Available upon request modification)
Thermocouple Type	K type
The first temperature zone heating section length	205mm
The second temperature zone heating section length	205mm
Vacuum degree  (Optional)	1.General vacuum and drive gas out by:TW-1.5A 2.2XZ-2 Vacuum degree pumps can be able to get around 10Pa 3.TOB-DSP-VS 0.1vacuum system can pumped 0.1Pa (and equipped with a resistive vacuum gauge display) 4、 TOB-DSP-VS high vacuum system (which is composed of molecules and mechanical pump) enables vacuum degree pumped $10^{-3}$ Pa.
Pressure display	Digital pressure gauge, and with 4-20ml Model Output
Vacuum flange	CF flange Oxygen-free copper gasket seal
Surrounding surface temperature	$\leq 45^{\circ}\text{C}$

<b>Security System</b>	With the furnace air switch and fuse, when the current exceeds the rated current,  it will automatically jump open, effective protection electric stove.
<b>Cap protection system</b>	The furnace limit switch is installed, when the lid open relay will automatically cut off the main power supply,  effectively ensure the safety of users

## Vacuum System Accessories



TW-1.5A



2XZ-2



TOB-DSP-VS0.1 Vacuum System



TOB-DSP-VS High vacuum system

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

Heating element: Swedish import resistance wire Kanthal Al

