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- Item No.:TOB-DSP-1200°C
- Order(Moq):1set
- Payment:L/C,T/T,Western Union, Paypal
- Product Origin:China
- Shipping Port:XIAMEN
- Lead Time:7days

## **Product Detail**

## 1200°C vacuum furnace

## **SPECIFICATIONS**

The tube furnace with resistance wire (Sweden Canthal A1) for the heating element using double-shell structure and 30 program temperature control system, phase trigger, SCR control,

furnace polycrystalline alumina fiber material, having temperature field balance, the surface temperature is low,

lifting the temperature fast rate, energy-saving advantages.

Colleges and universities, research institutes, industrial and mining enterprises to do high-temperature sintering atmosphere, reducing atmosphere, CVD experiment, vacuum annealing with the ideal product.

Model	TOB-DSP-	TOB-DSP-		TOB-DSP-	TOB-DSP-	TOB-DSP-		
	1200°C-I	1200°C-II	TOB-DSP-	1200°C-IV	1200°C-V	1200°C-VI		
			1200°C-III					
Power	2.5 KW	3.5KW	3.5KW	4KW	5kw	6kw		
Furnace tube	Dia 60(OD)		Dia100(OD		Dia150(OD	Dia200(OD)		
size(mm)	X1000	Dia80(OD)	)	OD)	)	X1000		
		X1000	X1000	X1000	X1000			
Dimension	580X370	580X420	580X420	600X440	610X490	650X540		
	X515	X565	X565	X585	X630	X680		
Power supply	220V							
voltage								
Phase number	Single-phase							
Temperature	Yudian temperature control							
control mode	30 sections can only use PID temperature regulation.							
	FP93 temperature control (from Japan)							
	(Replace imported instruments, for an additional fee)							
	1,40 section program temperature control can be divided into 4,2,1 group program,							
	if the program is divided into four groups, each program segment 10,							
	2,6 group PID control, low, medium and high temperature can each with a set of PID,							
	such that each segment is capable of controlling the temperature is very accurate.							

Control accuracy	+/- 1 °C
Trigger	Phase-shift trigger
SCR	106 / 16E Germany Simon Kang
Max	1200 °C
temperature	
Rated	1100 °C
temperature	
Heating rate	≤30 °C/ Min (Available upon request modification)

Heating length	400mm
Thermocouple	K type
Туре	
Recommended	≤15 °C/ Min
heating rate	
Vacuum degree	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.
Certification	се
Surrounding	≤45°C
surface	
temperature	
Security System	With the furnace air switch and fuse,
	when the current exceeds the rated current,

	it will automatically jump open, effective protection electric stove.
Switch	The furnace trip switch is installed,
protection system	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

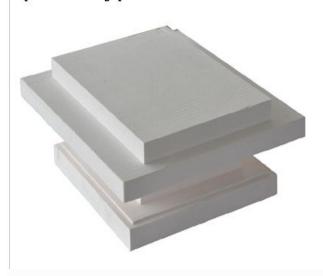


TOB-DSP-VS0.1Vacuum System



TOB-DSP-VSHigh vacuum system

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



Heating element: Swedish import resistance wire Kanthal A1

