

1200°C Vacuum Furnace



- Item No.:TOB-DSP-1200°C
- Order(Moq): 1 set
- 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-1200°C-I	TOB-DSP-1200°C-II	TOB-DSP-1200°C-III	TOB-DSP-1200°C-IV	TOB-DSP-1200°C-V	TOB-DSP-1200°C-VI
Power	2.5 KW	3.5KW	3.5KW	4KW	5kw	6kw
Furnace tube size(mm)	Dia 60(OD) X1000	Dia80(OD) X1000	Dia100(OD) X1000	Dia120 (OD) X1000	Dia150(OD) X1000	Dia200(OD) X1000
Dimension	580X370 X515	580X420 X565	580X420 X565	600X440 X585	610X490 X630	650X540 X680
Power supply voltage	220V					
Phase number	Single-phase					
Temperature control mode	<p>Yudian temperature control</p> <p>30 sections can only use PID temperature regulation.</p> <p>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
Trigger	Phase-shift trigger
SCR	106 / 16E Germany Simon Kang
Max temperature	1200 °C
Rated temperature	1100 °C
Heating rate	≤30 °C/ Min (Available upon request modification)

Heating length	400mm
Thermocouple Type	K type
Recommended heating rate	≤15 °C/ Min
Vacuum degree	<p>1.General vacuum and drive gas out by:TW-1.5A</p> <p>2.2XZ-2 Vacuum degree pumps can be able to get around 10Pa</p> <p>3.TOB-DSP-VS 0.1vacuum system can pumped 0.1Pa (and equipped with a resistive vacuum gauge display)</p> <p>4.TOB-DSP-VS high vacuum system (which is composed of molecules and mechanical pump) enables vacuum degree pumped 10-3 Pa.</p>
Certification	ce
Surrounding surface temperature	≤45°C
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 protection system	The furnace trip 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 A1

