

## 1400°C Horizontal Tube Furnace



The TOB-KTL1400 Model tube furnace is a horizontal tube furnace that adopts Silicon carbide as the heating element. 40 segments programmable temperature controllers are installed with 6 groups of PID adjustment.

- Brand: TOB NEW ENERGY
- Item No.: TOB-KTL1400
- Order (Moq): 1 set
- Payment: L/C, T/T, Western Union, Paypal
- Product Origin: China
- Shipping Port: XIAMEN
- Lead Time: 7 days

## Product Detail

### **1400°C Single Zone Horizontal Tube Furnace with Vacuum Flanges For Nano Materials Research**

## SPECIFICATIONS

1 The TOB-KTL1400 Model tube furnace is a horizontal tube furnace that adopts Silicon carbide as heating element. 40 segments programmable temperature controllers are installed with 6 groups of PID adjustment.

2 It is the ideal laboratory equipment for universities, research institutes, industrial and mining enterprises to do High temperature atmosphere sintering, Atmosphere reduction, CVD experimental, vacuum annealing such as for preparing nano materials and film.

Model	Tube Size	Power	Dimension (L*W*H)	Voltage	Heating Zone  Length	Max Heating  Temperature
TOB-KTL1400-I	Φ40×800mm	2.5kw	400×260×525	AC110V/220V	200mm	1400℃
TOB-KTL1400-II	Φ60×1000mm	4kw	650×450×670		260mm	
TOB-KTL1400-III	Φ80×1000mm	4kw	650×450×670			
TOB-KTL1400-IV	Φ100×1000mm	6kw	650×500×700			
Heating element	Silicon carbide					
Temperature controller	40 program temperature control system, With over temperature, broken accidentally protection function, 6 groups of PID adjustment Control precision of + / - 1 °C					
Furnace chamber	1600 type Polycrystal alumina fiber					
Tube material	99 alumina tube					
Vacuum Flange & Fitting Ports	Stainless steel flange with Gas nozzle, valve, pressure gauge					
Pressure measure system	Pressure gauge (Resistance vacuum gauge can be chosen according requirements)					
Air intake control	Flow meter (Protons flow controller can be chosen according requirements )					
Vacuum system	Vacuum pump can be chosen					

<b>Warranty</b>	<b>One year limited warranty with lifetime support</b>
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