

1200 Degree Tube Furnace



The TOB-OTL1200 Model tube furnace is a single zone quartz tube furnace which can achieve faster heating up to 1200°C. It adopts electric resistance wire as heating element. 40 segments programmable temperature controllers are installed with 6 groups of PID adjustment.

- Brand: TOB NEW ENERGY
- Item No.: TOB-OTL1200
- Order (Moq): 1 set
- Payment: L/C, T/T, Western Union, Paypal
- Product Origin: China
- Shipping Port: XIAMEN
- Lead Time: 7 days

Product Detail

1200°C Single Zone Tube Furnace with Vacuum Flanges and Quartz Tube

SPECIFICATIONS

1 The TOB-OTL1200 Model tube furnace is a single zone quartz tube furnace which can achieve faster heating up to 1200°C. It adopts electric resistance wire 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	Voltage	Heating Zone Length	Max Heating Temperature
TOB-OTL1200-I	Φ60×1000mm	2.5kw	AC110V/220V	420mm	1200°C
TOB-OTL1200-II	Φ80×1000mm	2.5kw			
TOB-OTL1200-III	Φ100×1000mm	3.5kw			
TOB-OTL1200-IV	Φ120×1000mm	4kw			
Heating element	Electric resistance wire				
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	Polycrystal alumina fiber				
Tube material	Gas refining quartz 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				
Warranty	One year limited warranty with lifetime support				