

High Temperature Tilting Rotary Tube Furnace



The tube of this rotary furnace can rotate 360 degrees, one end of the furnace body is equipped with a hinge, and the other end is equipped with a lifting support rod, which can be tilted at a large angle for easy discharge.

- Brand:TOB NEW ENERGY
- Item No.:TOB-GH1200-100
- Order(Moq):1set
- Payment:L/C,T/T,Western Union, Paypal
- Product Origin:China
- Shipping Port:XIAMEN

Product Detail

1200 °C High Temperature Tilting Rotary Tube Furnace

SPECIFICATIONS

Model	TOB-GH1200-100
Dimensions	1200mm*500mm*800mm(L*W*H)
Heating power	3KW
Furnace tilt	45°
Heating element	High-quality alloy resistance wire
Heating tube material	1400 # High purity corundum tube
Tube purity	95%
Heating tube total length	800mm
Furnace tube diameter	OD100mm,ID about 90mm
Length of heating zone	300mm
Length of constant temperature zone	150mm
Maximum temperature	1200°C
Working temperature	<1100°C
Temperature control mode	It adopts a full-automatic control system, from room temperature to the set temperature, and can run automatically after setting the program. The system is controlled by thyristor control, transformer voltage regulation, temperature control system modular design, simple structure and convenient maintenance. Using Yudian instruments, imported thyristor control, transformer voltage regulation, programmable 31 segments, multi-stage power limit function, multiple sets of PID parameter auto-tuning functions, freely setting constant temperature and insulation curves, manual / automatic interference-free switching , Over temperature alarm function, the meter has temperature correction and compensation functions.
Constant temperature accuracy	±1°C
Heating rate	≤15°C
Recommended heating rate	≤3-5°C

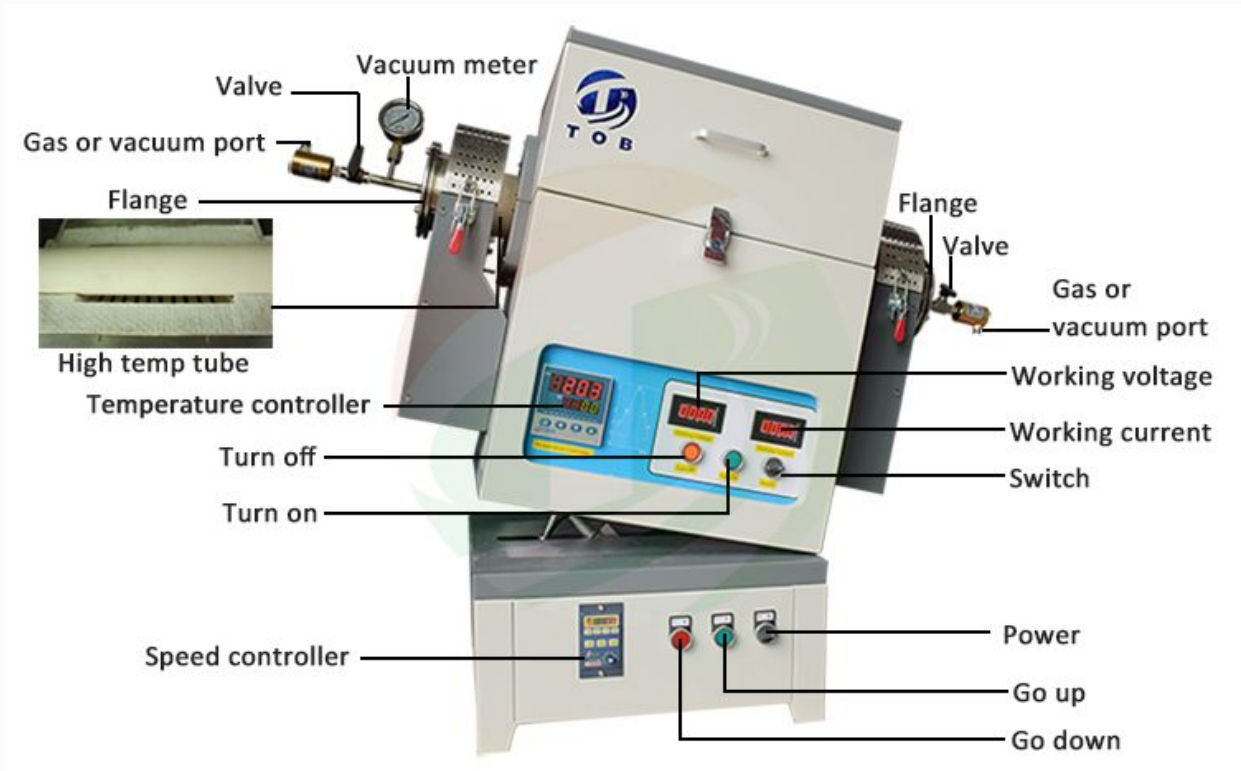
Main drive power :	120W
Power supply :	AC220V /50HZ/60HZ
Furnace tube speed	0~30r/min (adjustable)
Vacuum degree	200pa-2000pa
Input gas	Various protective gases such as nitrogen and argon
Flow control	Float meter (Optional)
Digital display	Measure temperature, set temperature, dual display
Control features	The modular structure of the control system, the long life design of key components of the equipment, simple and reliable technology, good stability and high accuracy.
Air cooling system	The Fuji fan impeller is installed directly at the bottom of the double-layer furnace shell and is assembled with the control system. When the sintering furnace is heated, it is air-cooled, and the air-cooled motor is started. The airflow blows from the fan at high speed to the furnace bladder. The interlayer of the furnace shell can be used to further cool the circulating convection gas to accelerate the cooling rate of the furnace body. The low surface temperature of the furnace shell protects the safety of the operator's operability and improves the effectiveness.
Heating element	Using high-quality alloy resistance wire,(The surface is coated with zirconia, which can prolong the service life of the instrument to the greatest extent, and the surface temperature is within 50 °C.)
Heating element installation position and method	Installed in the lower and upper part of the furnace

Refractory	<p>The furnace lining is made of ceramic fiber board, and the insulation material is made of vacuum formed fiber poly light board material.</p> <p>High use temperature, low heat storage, rapid heat and cold resistance, no cracks, no slag drop, good heat preservation performance (energy-saving effect is more than 80% of the old electric furnace). Patented dual-chamber structure, which has the advantages of fast heating, strong and durable, and does not collapse after long-term use</p>
Insulation Materials	High-quality alumina multi-fiber insulation material, the insulation layer is 90mm. (Model: LY1400)
Shell	The furnace shell is welded by steel plates and profiles, and the shell is equipped with a removable protective plate. The protective plate is electrostatic sprayed and painted. Fine workmanship, beautiful appearance.
Structural features	The furnace body heats up and down, heating elements, thermocouples, and controllers. In order to prevent heat loss in the form of heat radiation, a stepped opening and closing seal is used.
Energy saving performance	Light weight, fast heating, energy saving over 50%, saving time and effort.
Spare parts	A stove hook, a pair of high temperature gloves

PRODUCT DISPLAY









PACKAGE



