

1200°C Mini Tube Furnace



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

Product Detail

1200°C Mini tube furnace

SPECIFICATIONS

The tube furnace appearance is small, high quality resistance wire heating element, Using double-shell structure and 30 program temperature control instrumentation, Zero trigger, SCR control, furnace polycrystalline alumina fiber material, stainless steel flanges tube ends can be sealed, Installation on a stainless steel flange has a gas nozzle, valve and pressure gauge, the vacuum can reach to 10^{-3} Pa, Balanced with the temperature field, the surface temperature is low, lifting the temperature and rate, energy saving, 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.

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|-----------------------|---|---------------------|
| Model | TOB-DSP-1200°C-S-I | TOB-DSP-1200°C-S-II |
| Power | 1.5 KW | 1.5 KW |
| Furnace tube size(mm) | Dia 25(OD) X700 /600mm | Dia50(OD)X700/600mm |
| Dimension | 340X290X415 | 340X290X415 |
| Power supply voltage | 220V | |
| Phase number | Single-phase | |
| Heating element | High-resistance wire | |
| Control mode | <p>1,30 sections of the program can only PID temperature regulation.</p> <p>2,over-temperature protection, over-temperature protection burnout or burnout furnace heating circuit automatically cut off , (when the furnace temperature exceeds 1200 degrees or thermocouple burns out, the AC relay on the main circuit will automatically disconnect the main circuit off, the panel lights off oN, OFF lights, limited protection EAF).</p> <p>3, with 485 communication interface (when an optional software standard)</p> <p>4, with power protection function, namely, electrical power and then to start the stove, the program does not start from a starting temperature rise, but began to rise from the furnace power outage.</p> <p>5, the instrument with a temperature self-tuning features</p> | |

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|---------------------------------|--|
| Temperature control mode | Intelligent PID |
| Control accuracy | +/- 1 °C |
| Trigger | Zero 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 | 205mm |
| Recommended heating rate | ≤15 °C/ Min |
| Vacuum degree (Optional) | <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</p> <p>(and equipped with a resistive vacuum gauge display)</p> |
| Certification | CE |
| Surrounding surface temperature | ≤45°C |

Vacuum System Accessories



TW-1.5A



2XZ-2



TOB-DSP-VS0.1 Vacuum System

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



