

Transparent Tube Furnace and Temperature Controller

Manufacturer: [Thermalcraft, USA](#)

Model: [XST-2-0-12-Mini-240](#)

Description:

Thermalcraft transparent tube furnace has been designed to make it possible to see the object that is inside the furnace. It uses a gold mirror for the insulation. With a maximum operating temperature of 1,100 °C being able to see the heated sample can develop much more information.

The system can be used to purify materials and grow single crystals.

Specifications

- Heating zone: 2 zone, Length 10" each
- Heating length: ID 1.5" x L 20"
- Heating zone diameter: ~ Φ 30 mm
- Input AC voltage: 220~240 V / 50 Hz
- Rated power: 2.4 KW, 1.2 KW/zone
- Max working temperature: ~950 °C
- Constant temperature accuracy: ± 0.1 °C
- Thermometric component: Type K thermocouple
- Temperature control mode: With PID, Auto-tuning function
- Temperature controller: Supply with power trip, ampere meter, switch

