|  |  |
| --- | --- |
| STT-1600-12” Heat Zone | * 1600C Continuous Operating Temperature
* Double Shell Design to Ensure Low outside Furnace Temperature.
* High Performance Ceramic Fiber Board Lining
* Fast Heat up and Energy Efficiency
* Extended Life/ High Temperature Accuracy Thermocouple-B Type ( Platinum- Rhodium
* 1600C Grade Ceramic Tube, or SIC processing Tube
 |
| Standard Tube ID | * 2.0
* 3.0
* 3.5

\*Larger ID Tubes available upon Request\* |
| Power  | 7 KW |
| Max. Current |  |
| Voltage | 208/ 240 V Single Phase  |
| Uniformity at 1600 **°**C  | +/- 5**°**C  |
| Max. Heating Rate | 4 - 10°C/minute depending on load volume and size of Tube |
| Temperature Control  | * Yudian Temperature Controller
* 1 Program, 30 segments
* +/- 1 ºC temperature accuracy.
* B type thermocouple installed for immediate use.
* Optional Controllers:
	+ Eurotherm 2404
	+ Eurotherm 3404
	+ Eurotherm Nanodac Controller/Recorder
 |
| Net Weight  |  |
| Overall Dimensions  | * 41”W X 28”H x 21”D

 |
| Warranty  | * One year warranty on electronic parts
 |
| Optional Items | * Vacuum Pump
* Extra B type Thermocouple and Temp. Controller for Overtemp
* PC Data Logger (records temperature from Thermocouple to PC files).
* UL/CSA Certified Parts in Control System
* Tube Supports
* 3 Year Extended Warranty on all electronic parts (not including shipping)
* 5 Year Extended Warranty on all electronic parts (not including shipping)

 |

**STT-1600C 12” Tube Heating Zone Spec Sheet**