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| 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**