# ST-1800-666 Spec Sheet

| ST-1800-666 | • 1800°C 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 Pt20Rh/Pt40Rh (Platinum- Rhodium)  

| Chamber Dimensions | • 6”(W) x 6”(H) x 6”(D)  
|                   |  
|                   |  

| Power | 4 KW  
| Max. Current | 25A  
| Voltage | 208/ 240 V Single Phase  
| Uniformity at 1800 °C | +/- 5°C  
| Max. Heating Rate | 10 - 15°C/minute depending on load volume  
| Temperature Control | • Eurotherm 2404 controller  
|                   | • 1 Program, 8 segments  
|                   | • +/- 1 °C temperature accuracy.  
|                   | Optional Controllers:  
|                   |   - Eurotherm 2404  
|                   |   - Eurotherm 3404  
|                   |   - Eurotherm Nanodac Controller/Recorder  

| Net Weight | 242 lbs  
| Overall Dimensions | 19”(W) x 28”(H) x 19” (D)  
| Warranty | • One year warranty on electronic parts  

| Optional Items | • Argon Purge Kit  
|               | • Exhaust Port  
|               | • PC Data Logger (records temperature from Thermocouple to PC files).  
|               | • UL/CSA Certified Parts in Control System  
|               | • Motor Driven Exhaust Port  
|               | • 3 Year Extended Warranty on all electronic parts (not including shipping)  
|               | • 5 Year Extended Warranty on all electronic parts (not  


| including shipping |