## ST-1800-888 Spec Sheet

| ST-1800-445                      | • 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               | • 8”(W) x 8”(H) x 8”(D)  

| Power                            | 7 KW  
| Max. Current                     | 40A  
| 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:  
|                                 |   o Eurotherm 2404  
|                                 |   o Eurotherm 3404  
|                                 |   o Eurotherm Nanodac Controller/Recorder  

| Net Weight                       | 326 lbs  
| Overall Dimensions               | • 22”(W) x 33”(H) x 21” (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