



High Temperature Processing Technology

## ST-1700-121216 Spec Sheet

ST-1700-121216	<ul style="list-style-type: none"> <li>• 1700C Continuous Operating Temperature</li> <li>• Double Shell Design to Ensure Low outside Furnace Temperature.</li> <li>• High Performance Ceramic Fiber Board Lining</li> <li>• Fast Heat up and Energy Efficiency</li> <li>• Extended Life/ High Temperature Accuracy Thermocouple-B Type (Platinum- Rhodium)</li> </ul>
Chamber Dimensions	<ul style="list-style-type: none"> <li>• 12"(W) x 12"(H) x 16"(D)</li> </ul>
Power	15 KW
Max. Current	90A
Voltage	208/ 240 V Single Phase
Uniformity at 1700 °C	+/- 5°C
Max. Heating Rate	10 - 15°C/minute depending on load volume
Temperature Control	<ul style="list-style-type: none"> <li>• Yudian Temperature Controller</li> <li>• 1 Program, 30 segments</li> <li>• +/- 1 °C temperature accuracy.</li> <li>• B type thermocouple installed for immediate use.</li> <li>• Optional Controllers: <ul style="list-style-type: none"> <li>○ Eurotherm 2404</li> <li>○ Eurotherm 3404</li> <li>○ Eurotherm Nanodac Controller/Recorder</li> </ul> </li> </ul>
Net Weight	660 lbs
Overall Dimensions	<ul style="list-style-type: none"> <li>• 26"(W) x 61"(H) x 30" (D)</li> </ul>
Warranty	<ul style="list-style-type: none"> <li>• One year warranty on electronic parts</li> </ul>
Optional Items	<ul style="list-style-type: none"> <li>• Argon Purge Kit</li> <li>• Exhaust Port</li> <li>• PC Data Logger (records temperature from Thermocouple to PC files).</li> <li>• UL/CSA Certified Parts in Control System</li> <li>• Motor Driven Exhaust Port</li> <li>• 3 Year Extended Warranty on all electronic parts (not including shipping)</li> </ul>



High Temperature Processing Technology

	<ul style="list-style-type: none"><li>• 5 Year Extended Warranty on all electronic parts (not including shipping)</li></ul>
--	---