



High Temperature Processing Technology

## ST-1600-242424 Spec Sheet

ST-1600-242424	<ul style="list-style-type: none"> <li>• 1600C 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</li> <li>• Thermocouple-B Type (Platinum- Rhodium)</li> </ul>
Chamber Dimensions	<ul style="list-style-type: none"> <li>• 24"(W) x 24"(H) x 24"(D)</li> </ul>
Power	50 KW
Max. Current	150A
Voltage	208/ 240 V Three Phase
Uniformity at 1600 °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	924 lbs
Overall Dimensions	<ul style="list-style-type: none"> <li>• 42"(W) x 67"(H) x 42" (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>



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- 5 Year Extended Warranty on all electronic parts (not including shipping)