

## ST-1200-7812 Spec Sheet

ST-1200-7812	<ul style="list-style-type: none"> <li>• 1200C Continuous Operating Temperature</li> </ul>
Chamber Dimensions	<ul style="list-style-type: none"> <li>• 7”(W) x 8”(H) x 12”(D)</li> </ul>
Power	4 KW
Max. Current	25A
Voltage	208/240V
Uniformity at 1200 °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 PID Programmable</li> <li>• +/- 1 °C temperature accuracy.</li> <li>• S type Platinum Rhodium long lasting thermocouple</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>
Safety door switch	Safety feature includes a safety interlock system to shut off power when furnace door opens
Net Weight	200 lbs
Overall Dimensions	28”(L) x 21”(W) x 33”(H)
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>• Motor Driving Forced Exhaust Port</li> <li>• PC Data Logger (records temperature from Thermocouple to PC files).</li> <li>• Air Circulation Fan for better heat uniformity.</li> <li>• Observation Glass on the Front Door</li> <li>• UL/CSA Certified Parts in Control System</li> <li>• 3 Year Extended Warranty on all electronic parts (not including shipping)</li> <li>• 5 Year Extended Warranty on all electronic parts (not including shipping)</li> </ul>