



ST-1600-181818 Spec Sheet

ST-1600-181818	<ul style="list-style-type: none"> • 1600C 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-B Type (Platinum- Rhodium)
Chamber Dimensions	<ul style="list-style-type: none"> • 18”(W) x 18”(H) x 18”(D)
Power	28 KW
Max. Current	90A
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"> • Yudian Temperature Controller • 1 Program, 30 segments • +/- 1 °C temperature accuracy. • B type thermocouple installed for immediate use. • Optional Controllers: <ul style="list-style-type: none"> ○ Eurotherm 2404 ○ Eurotherm 3404 ○ Eurotherm Nanodac Controller/Recorder
Net Weight	836 lbs
Overall Dimensions	<ul style="list-style-type: none"> • 36”(W) x 56”(H) x 35” (D)
Warranty	<ul style="list-style-type: none"> • One year warranty on electronic parts
Optional Items	<ul style="list-style-type: none"> • 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)



High Temperature Processing Technology

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