

STV-1600-181818 Versatile High Temperature Box Furnace for Atmosphere/Vacuum Spec Sheet

STV-1600-181818	<ul style="list-style-type: none"> • 1600C Continuous Operating Temperature In Air/Argon • 1400C Continuous Operating Temperature in 10⁻² Torr Vacuum
Chamber Dimensions	<ul style="list-style-type: none"> • 18"(W) x 18"(H) x 18"(D)
Power	30 KW
Max. Current	90A
Voltage	208V/240V 3-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 PID Programmable • +/- 1 °C temperature accuracy. • B type Platinum Rhodium long lasting thermocouple • Optional Controllers: <ul style="list-style-type: none"> ○ Eurotherm 2404 ○ Eurotherm 3404 ○ Eurotherm Nanodac Controller/Recorder
Max Vacuum (Torr)	10 ⁻² Vacuum
Net Weight	2860 lbs
Overall Dimensions	<ul style="list-style-type: none"> • Furnace: 69D"x52W"x75H" • Control Box: 22D" x 25W" x H64"
Warranty	<ul style="list-style-type: none"> • One year warranty on electronic parts
Optional Items	<ul style="list-style-type: none"> • Vacuum Pump • GE Oxygen Sensor • Vacuum Pressure Sensor with Control System • PC Data Logger (records temperature from Thermocouple to PC files). • UL/CSA Certified Parts in Control System • 3 Year Extended Warranty on all electronic parts (not including shipping) • 5 Year Extended Warranty on all electronic parts (not including shipping)