

STVO-1600-121216 Versatile High Temperature Box Furnace for Oxygen Atmosphere/Vacuum Spec Sheet

STVO-1600-121216	<ul style="list-style-type: none"> • 1600C Continuous Operating Temperature Under Oxygen Atmosphere • 1600C Continuous Operating Temperature in 10⁻² Torr Vacuum
Chamber Dimensions	<ul style="list-style-type: none"> • 12"(W) x 12"(H) x 16"(D)
Power	15 KW
Max. Current	90A
Voltage	208V/240V
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"> • Eurotherm Nanodac controller/Recorder • 100 Program, 20 segments PID Programmable • +/- 1 °C temperature accuracy. • B type Platinum Rhodium long lasting thermocouple • Oxygen mass flow controller to control single line of gas flow from 0-50 liter per minute. Also includes controller system to control the gas flow rate
Max Vacuum (Torr)	10 ⁻² Vacuum
Net Weight	1400 lbs
Overall Dimensions	62"(L) x 39"(W) x 74"(H)
Warranty	<ul style="list-style-type: none"> • One year warranty on electronic parts
Comes equipped with	<ul style="list-style-type: none"> • Welch Duo-Seal Vacuum Pump for oxygen applications • GE Oxygen Sensor • Vacuum Pressure Sensor with Control System • UL/CSA Certified Parts in Control System • Advanced energy Power SCR system