STVO-1600-101012 Versatile High Temperature Box Furnace for Oxygen Atmosphere/Vacuum Spec Sheet

STVO-1600-101012	• 1600C Continuous Operating Temperature Under Oxygen Atmosphere • 1600C Continuous Operating Temperature in 10^{-2} Torr Vacuum
Chamber Dimensions	• 10"(W) x 10"(H) x 12"(D)
Power	10 KW
Max. Current	50A
Voltage	208V/240V
Uniformity at 1600 °C	+/- 5°C
Max. Heating Rate	10-15°C/minute depending on load volume
Temperature Control	• 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	1045 lbs
Overall Dimensions	49"(L) x 37"(W) x 66"(H)
Warranty	• One year warranty on electronic parts
Comes equipped with	• 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