

STVO-1600-242424 Versatile High Temperature Box Furnace for Oxygen Atmosphere/Vacuum Spec Sheet

STVO-1600-242424	<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"> • 24"(W) x 24"(H) x 24"(D)
Power	50 KW
Max. Current	150A
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"> • 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	3500 lbs
Overall Dimensions	Furnace Vessel: 84"(L) x 63"(W) x 95"(H) Controller Box: 22" (L) X 25" (W) x 64" (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