High Temp Lab Ovens

High Temperature HT 500°C
Our high temperature ovens are manufactured to the highest specification and have high efficiency insulation in the doors and walls. Heavy duty hinges, catches and high temperature seals are standard. These ovens use a PID digital controller to heat sheathed elements housed below the chamber. Air is drawn in and premixed within the base duct before being forced upwards and into the work chamber, giving a typical fluctuation of approximately +/-2°C. A small portion of the r ecirculating air is vented from the top of the chamber allowing any fumes can safely be removed. High temperature ovens are widely used in the aerospace industry.



Standard Specifications

Temperature range from +40°C to 500°C
Stability typically ±0.5°
Capacities from 50 litres to 250 litres
Stability typically ±0.5°C
Temperature variation is typically ±5°C
Internal air circulation fans
Stainless steel chamber
Adjustable shelves
Calibrated digital PID temperature controller
Calibrated digital temperature overheat safety thermostat
CE compliant.



Optional Extras

Programmable controllers
Chart recorders and dataloggers
Side mounted controls
Calibration certificate

High temperature lab ovens - 600°C

This is a range of quality ovens designed to offer reliable continuous use at temperatures up to 600°c. This makes them ideally suited for use within the **aerospace** and **automotive** industries as well as general stoving and curing. These will comply with the requirements of AMS2750E heat treatment under Nadcap.
Our sizes are available from 50 to 250 litres. Their construction is robust and uses high quality, heavy duty hinges and door catches. The stainless steel chamber uses quality fans to ensure optimum temperature stability and uniformity at all times. The outside of the ovens are made from steel that has been powder coated to provide an easy to clean finish. Insulation materials used are high density with low thermal mass to offer low heat losses and cool external surface temperatures

Models: 600°C range:	HT6-OV-50	HT6-OV-100	HT6-OV-150	HT6-OV-250
Volume	50 litres	100 litres	150 litres	250 litres
External h x w x d mm:	975 x 825 x 630	1095 x 825 x 775	1205 x 825 x 867	1230 x 985 x 982
Internal h x w x d mm:	325 x 490 x 310	445 x 490 x 455	555 x 490 x 547	581 x 650 x 662
Max load height mm	275	395	505	526
Shelf positions	15	20	30	32
Shelves supplied	2	3	3	3
Shelf size w x d mm	437 x 290	437 x 435	437 x 527	597 x 637
Power rating (Kw)	2Kw	2.5Kw	3Kw	4.5Kw
Net weight KG				