

Genlab High Temp Ovens - 500 °C



Model Shown - HT/216/500/F/DIG/NPCR



The Genlab range of High Temperature ovens offer quick responding chambers capable of continuous operations of 500 °C. Built to the highest standards and fitted with high density thermal insulation and air forced cooled front fascia, these range of ovens are cool to touch from the exterior when operating at their maximum temperature.

Features

- 3 standard sizes 64, 125 and 216 litres
- Leading Eurotherm temperature controllers
- Temp range 40°C to 500°C
- Stainless steel interior
- Supplied with heavy duty stainless steel shelves
- Independent overheat monitoring
- Fan fail monitoring
- Low chamber uniformity
- Heavy duty 2 point locking mechanism
- Fan assisted circulation in chamber
- Internal door cooling fan
- Shielded ventilation cover

Options

- 8 Stage profile control
- Datalogging / profile controllers
- Ethernet communications
- Access ports (25, 50, 75 or 100mm)
- Audible warnings
- Traceable calibration to national standards
- Bespoke stands and stacking kits
- Extended warranty
- Bespoke solutions available upon request



Design

The exterior is constructed from sheet steel and finished in an easy clean powder coated paint. The interior chamber is made from heavy duty stainless steel. They are fitted with fixed shelf runners and removable heavy duty stainless steel shelves.

Air is forced around the front of the oven cooling the exterior.

Heating

Heated by Incoloy sheathed elements positioned behind the control panel. Cool air enters via the rear and base of the oven which is circulated around the heating elements as it enters the chamber.

Controls

The temperature control is done via market leading Eurotherm PID controllers as standard, with an independent Eurotherm safety controller. Upgrades are available for profile, recording and communications if preferred. Indication of oven on, heating on, overheat alarm and fan fail alarm are highlighted on the front LEDs

Sizes and Specifications

Genlab Reference Number	Capacity (litres)	Internal Dims. (H x W x D cms)	External Dims. (H x W x D cms)	Shelves /Positions	Wattage (kg)	Voltage	Weight
HT/64/500/F/DIG	64	40 x 40 x 40	68 x 89 x 80	2..2	3000	230	95
HT/125/500/F/DIG	125	50 x 50 x 50	78 x 99 x 90	2..3	4500	415	140
HT/216/500/F/DIG	216	60 x 60 x 60	88 x 109 x 100	2..4	6000	415	210

Ordering

All units have stainless steel interior with Eurotherm P116 control and overheat controller.

Where options are required simply add the option code to the original reference.

E.g. HT/125/500/F/DIG with recording and door contact becomes HT/125/500/F/DIG/NCR/DC

Contact sales for bespoke options.

Option Codes

Profile Control 1 x 8	- 3016CP	Profile Control 10 x 8	- 3016P10	Recorder	- NCR
Recorder with Profile Control	- NPCR	Count down timer	- TDT	Real Time Clock	- RTC
Door Contact	- DC	Access Ports	- AP	Audible Warning	- AWA
Single Point Calibration	- SPC	Extended Warranty	- X1		

