Genlab Plastic Warming Ovens

Model Shown -Bespoke design with door holder

Genlab offer a range of Plastic Sheet Warming Ovens for use in the Plastics and Rubber industry for the controlled warming and drying of thermo plastic sheets.

We offer 2 standard sizes which are suitable for most standard sheets. However, custom made units can be designed to meet most other sheet dimensions.

They feature our latest touch screen control system which offers intuitive control and excellent accuracies designed for plastic warming applications.

Features

- Temp range 50°C to 250 °C
- On screen historical trending (48 hours)
- 8 Stage profile control
- Count down timer
- 24/7 real time clock operation
- Manual or automatic overheat reset
- High accuracy Pt100B duplex sensors <0.8 °C
- Fan assisted circulation
- Excellent stability $<^+/-$ 0.6 °C
- Low chamber uniformity

Options

- Stainless steel chamber
- Audible warnings
- Access ports (25, 50, 75 or 100mm)
- Traceable calibration to national standards
- Bespoke stands and stacking kits
- Extractor unit
- Extended warranty
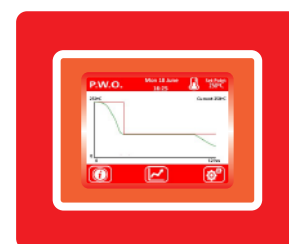- Bespoke solutions available upon request

Design

The units are constructed from a powder coated heavy duty tubular frame fitted with painted panels.The interior chamber is made from mild steel coated with aluminium, with stainless steel chambers available as an option. A strong sliding shelf is fitted to aid the loading of the plastic sheets.

Heating

All units have cross flow forced air circulation and are heated by sheathed Incoloy elements around the fan

Controls

The control system comprises of a bespoke touch screen user interface that offers both accurate temperature control and an integral overheat system by using 2 individual PT100 sensors. Advanced features can be turned on and off to suit bespoke heating applications and tailored to customer preference. Oven trending is displayed for up to 48 hours and optional upgrades are available for alarm outputs.

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	Voltage	Weight (kg)
PWO/600/TDIG	600	40 x 150 x 100	110 x 215 x 130	1...1	4500	415	320
PWO/900/TDIG	900	40 x 150 x 150	110 x 215 x 180	1...1	6000	415	400

Ordering

All units have CLAD interior with touch screen interface as standard.
Where options are required simply add the option code to the original reference.
E.g. PWO/900/TDIG with stainless steel interior and audible alarm becomes PWO/900/TDIG/SS/AWA.
Contact sales for bespoke options and bespoke sizes.

Option Codes

Stainless Steel Chamber - SS
Traceable Calibration - SPC

Audible Warning - AWA
Stands/Stacking Kits - STAND

Access Ports -AP
Extended Warranty - X1