PWO/600/TDIG/STAND/DDD

PWO/900/TDIG/DDD

Plastic Warming Ovens

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 two 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. Optional temperature recording now available on the P.W.O. range.

Features

- Temperature range 50°C to 250°C
- On screen historical trending (48 hours)
- 8 stage profile control
- Countdown 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
- Energy efficient with integral energy meter
- New - set point lock feature
- Selectable HMI languages

Options

- Integral Temperature Logger with reporting firmware
- 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
- 10 menu x 8 stage profile (& cyclic control)
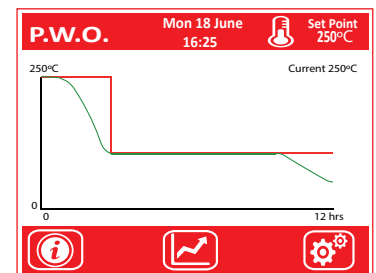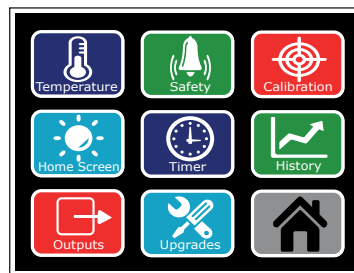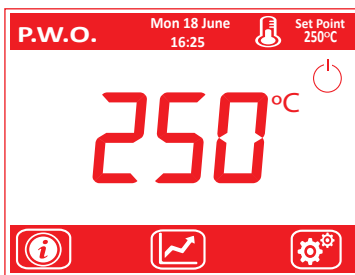- Lower hinged single drop down door

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. Dual, front opening side hinged doors come as standard,with option of a single lower hinged drop down door available.

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 (approx litres)	Internal Dimensions (H x W x D cm)	External Dimensions* (H x W x D cm)	Shelves / Positions	Wattage	Voltage	Weight (kg)
PWO/600/TDIG	600	40 x 150 x 100	71 x 205 x 125	1..1	4500	415	320
PWO/900/TDIG	900	40 x 150 x 150	71 x 205 x 175	1..1	6000	415	400

* External sizes shown do not include stands, if drop down door is required, add 40cm to depth.

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

SS	Stainless Steel Chamber	**AWA**	Audible Warning	**10PRO**	10 menu x 8 profile (inc cyclic)
AP	Access Ports	**SPC**	Single Point Calibration	**3PC**	3 Point Calibration
STAND	Stands	**DDD**	Drop Down Door	**X1**	Extended Warranty
ITL	Integral Temperature Logger				