




PRO/100/TDIG



## Prime Ovens

The Genlab range of Prime Ovens are the flagship brand of Genlab Ovens. They are built to the highest standards and packed with many features and enhancements. As standard, the Prime range offers a heavy duty stainless steel interior, increased accuracies on our standard models and are quicker responding. This range can offer increased load capability, multiple reinforced shelves and operate at 300°C continuously. It features our latest touch screen control system which offers intuitive control, designed for industrial and laboratory ovens. Optional temperature recording now available on the Prime range.

### Features

- 7 sizes (30 to 200 litres)
- Stainless steel chamber
- Temp. range 50°C to 250°C (300°C upgrade available)
- 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 PT100A duplex sensors <math><0.6^{\circ}\text{C}</math>
- Fan assisted circulation
- Excellent stability <math><+/- 0.5^{\circ}\text{C}</math>
- Low chamber uniformity
- Quick responding
- Energy efficient with integral energy meter
- New - set point lock feature
- Selectable HMI languages 

### Options

- Integral Temperature Logger with reporting firmware
- 10 menu x 8 stage profile (& cyclic control)
- 300°C continuous temperature rating
- Reinforced shelving (up to 40kg each)
- Reinforced total load
- Access ports (25, 50, 75 or 100mm)
- Traceable calibration to national standards
- Bespoke stands and stacking kits
- Extractor unit
- Audible warnings
- Extended warranty
- Bespoke solutions available upon request



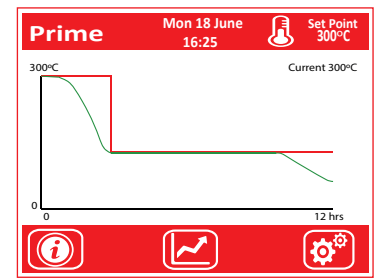
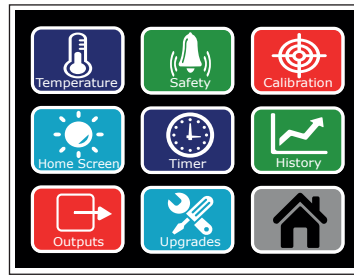
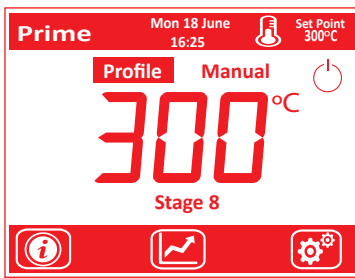
## Design

The exterior is constructed from sheet steel, finished in an easy clean powder coated paint. The interior chamber is made from 304 stainless steel. The units are fitted with fixed shelf runners and removable chrome plated wire grid shelves.

## Heating

The units are heated by Incoloy sheathed elements positioned around the fan and fitted at the back of the chamber.

## 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) |
|-------------------------|--------------------------|------------------------------------|------------------------------------|---------------------|---------|---------|-------------|
| PRO/30/TDIG             | 30                       | 24 x 36 x 31                       | 57 x 50 x 62                       | 2.2                 | 1000    | 230     | 30          |
| PRO/50/TDIG             | 53                       | 33 x 49 x 29                       | 66 x 63 x 59                       | 2.3                 | 1000    | 230     | 40          |
| PRO/75/TDIG             | 73                       | 33 x 49 x 41                       | 66 x 63 x 72                       | 2.3                 | 1500    | 230     | 60          |
| PRO/100/TDIG            | 99                       | 45 x 49 x 41                       | 78 x 63 x 72                       | 3.4                 | 1500    | 230     | 70          |
| PRO/125/TDIG            | 120                      | 54 x 49 x 41                       | 88 x 63 x 72                       | 3.5                 | 2000    | 230     | 75          |
| PRO/150/TDIG            | 143                      | 55 x 49 x 49                       | 88 x 63 x 80                       | 3.5                 | 2000    | 230     | 80          |
| PRO/200/TDIG            | 195                      | 75 x 49 x 49                       | 108 x 63 x 80                      | 4.7                 | 2500    | 230     | 105         |

## Ordering

All units have a stainless steel interior, forced convection and a touch screen interface, with all the timer features enabled as standard. Where options are required, simply add the option code to the original reference.

e.g. PRO/50/TDIG with extended temperature range and audible warning becomes PRO/50/TDIG/300/AWA .

Contact sales for bespoke options.

## Option Codes

|       |                          |     |                     |       |                                  |
|-------|--------------------------|-----|---------------------|-------|----------------------------------|
| 300   | Extended Temp 300°C      | AP  | Access Ports        | 10PRO | 10 menu x 8 profile (inc cyclic) |
| SPC   | Single Point Calibration | 3PC | 3 Point Calibration | TUS   | Temp Uniformity Surveys          |
| EXT   | Extraction Systems       | AWA | Audible Warning     | STACK | Stacking Kit                     |
| STAND | Stands                   | X1  | Extended Warranty   | ITL   | Integral Temperature Logger      |