

# Genlab

## Laboratory Division

### GENERAL PURPOSE OVENS PRIME RANGE



The GENLAB Prime Ovens offer a range of fully functional, highly efficient and programmable units to suit the majority of drying, warming and general laboratory applications. All units have stainless steel interior and fan circulation with excellent accuracy and performance.

#### Specifications

- 7 sizes 30 to 200 litres
- Stainless Steel Internal Chamber
- Temperature range 40°C to 250°C
- Fluctuation  $\pm 0.25^\circ\text{C}$
- Forced convection fan circulation
- Easy clean powder coated exterior body
- Microprocessor Digital Controller with dual display of set point and actual temperature
- Safety overheat system
- 0-99 hour process timer
- 8 segment program (4 ramp 4 dwell)
- Full two year warranty
- C.E. compliant

#### Options

- Temperature range 40°C to 300°C (300)



Certificate No. 5531

# GENERAL PURPOSE OVENS PRIME RANGE

## Design

The exterior is constructed from sheet steel finished in an easy clean powder coated paint.

The interior chamber is made from 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 fitted at the back of the chamber.

## Controls

The control system comprises of a PID Microprocessor Controller with Dual displays of set point and actual temperature, which are auto-tuned for each individual unit to optimise the heat up, overshoot and control of the temperature. They also include mains switch with indicator and heat and overheat indicators

The controller has a 0-99 hour process timer that can be selected for a fixed time period at a required set point plus an 8 segment program with 4 ramp and 4 dwell facility.

## Specifications

| Genlab ref. Number | Capacity (litres) | Internal dims (H x W x D cm) | External dims (H x W x D cm) | No. of shelves | No. shelf positions | Weight (kg) |
|--------------------|-------------------|------------------------------|------------------------------|----------------|---------------------|-------------|
| PRO/30             | 30                | 24 x 36 x 35                 | 56 x 50 x 62                 | 2              | 2                   | 20          |
| PRO/50             | 50                | 33 x 49 x 33                 | 65 x 63 x 59                 | 2              | 3                   | 26          |
| PRO/75             | 75                | 33 x 49 x 45                 | 65 x 63 x 72                 | 2              | 3                   | 34          |
| PRO/100            | 100               | 45 x 49 x 45                 | 77 x 63 x 72                 | 3              | 4                   | 44          |
| PRO/125            | 125               | 55 x 49 x 45                 | 87 x 63 x 72                 | 3              | 5                   | 57          |
| PRO/150            | 150               | 55 x 49 x 53                 | 87 x 63 x 80                 | 3              | 5                   | 66          |
| PRO/200            | 200               | 75 x 49 x 53                 | 107 x 63 x 80                | 4              | 7                   | 85          |

## Ordering

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

i.e PRO/100 with 300°C becomes PRO/100/300

## Option codes

Temperature 40°C to 300°C/300