Genlab Prime XL Ovens

Model Shown - PRO/750V/TDIG/SSE
(Stainless Steel Exterior)

Model Shown - PRO/500H/TDIG

This range of Prime XL Ovens are the flagship brand of Genlab Ovens. These are built to the highest standards and packed with features and enhancements. As standard, the Prime XL range offers heavy duty stainless steel interior, increased accuracies on our standard models and are quicker responding. Built around a heavy duty panelled framework, we can offer increased load capability in this range, multiple reinforced shelves and operate at 300℃ continuously. They feature our latest touch screen control system which offers intuitive control designed for industrial ovens.

Features

- 8 sizes 250 to 1000 litres (single door design)
- 9 sizes 250 to 1250 litres (twin door design)
- Temp range 50°C to 250 °C
- On screen historical trending (48hours)
- 8 stage profile control
- Count down timer
- 24/7 real time clock operation
- Manual or automatic overheat reset
- High accuracy Pt100A duplex sensors 0.6 °C
- Fan assisted circulation
- Excellent stability <0.8 °C
- Low chamber uniformity
- Stainless steel chamber
- Audible warnings
- Quick responding
- Heavy duty castor wheels on all models

Options

- 300 °C continuous temperature ratings
- Stainless steel exterior
- Reinforced total load
- Reinforced shelving (40KG)
- Explosion relief panels
- 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
- 3 phase upgrade for quicker response

(standard above 350L versions)

Design

The exterior is constructed around a structural steel frame and finished with powder coated clad panels covering heavy duty insulation. The interior chamber is made from 304 stainless steel and fitted with fixed shelf runners and removable chrome plated wire grid shelves.
The vertical style units are fitted with single doors, the horizontal style units are fitted with twin doors.

Heating

Heated by Incoloy sheathed elements positioned in the side fan duct for all units except the 250H and 350H, which have a base fan duct.

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)
Horizontal Style with Twin Doors...							
PR0/250H/TDIG	220	54 x 92 x 44	104 x 109 x 57	3..4	3000	230	106
PRO/350H/TDIG	320	54 x 92 x 64	104 x 109 x 77	3..4	3000	230	135
PRO/425H/TDIG	450	76 x 92 x 64	107 x 144 x 81	4..5	4500	415	150
PRO/500H/TDIG	535	91 x 92 x 64	127 x 144 x 81	5..7	4500	415	190
PRO/650H/TDIG	645	91 x 92 x 77	127 x 160 x 95	5..7	7500	415	310
PRO/750H/TDIG	750	106 x 92 x 77	142 x 160 x 95	5..8	7500	415	340
PRO/850H/TDIG	865	122 x 92 x 77	158 x 160 x 95	5..9	7500	415	360
PRO/1000H/TDIG	1005	142 x 92 x 77	178 x 160 x 95	5..11	9000	415	380
PRO/1250H/TDIG	1280	142 x 122 x 74	178 x 190 x 95	5..11	9000	415	410
Vertical Style with Single Door...							
PRO/250V/TDIG	240	91 x 51 x 52	127 x 98 x 69	5..7	3000	230	100
PRO/350V/TDIG	345	91 x 61 x 62	127 x 108 x 79	5..7	3000	230	130
PRO/425V/TDIG	425	91 x 61 x 77	127 x 113 x 95	5..7	4500	415	160
PRO/500V/TDIG	535	114 x 61 x 77	140 x 113 x 95	5..9	4500	415	180
PRO/650V/TDIG	675	114 x 77 x 77	140 x 145 x 95	5..9	7500	415	300
PRO/750V/TDIG	760	128 x 77 x 77	164 x 145 x 95	5..10	7500	415	320
PRO/850V/TDIG	840	142 x 77 x 77	178 x 145 x 95	5..11	7500	415	340
PRO/1000V/TDIG	1005	142 x 77 x 92	178 x 145 x 110	5..11	9000	415	370

Ordering

All units have a stainless steel interior with 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/1250/TDIG with extended temperature range and stainless steel exterior PRO/1250/TDIG/300/SSE.
Contact sales for bespoke options.

Option Codes

Extended Temp 300 °C - 300
Traceable Calibration - SPC
Extraction Systems   - EXT

Stainless Steel Exterior - SSE
Explosion Relief Panels - EXP
Extended Warranty - X1

Access Ports - AP
Stands/Stacking Kits - STACK
3 Phase Upgrade (<350 L models only - 3PH