



PRO/250V/TD1G



PRO/850V/TD1G



PRO/1250H/TD1G



Prime^{XL} Ovens

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°C continuously. They feature our latest touch screen control system which offers intuitive control designed for industrial ovens. Optional temperature recording now available on the Prime^{XL} range.

Features

- 8 sizes (250 to 1000 litres - single door design)
- 9 sizes (250 to 1250 litres - twin door design)
- 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 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
- 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 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

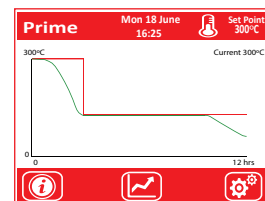
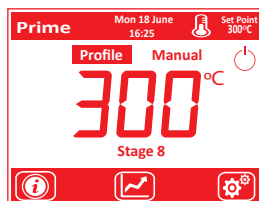
The exterior is constructed around a structural steel frame and finished with powder coated clad panels covering heavy duty insulation. The interior chamber is made from 304 stainless steel and fitted with fixed shelf runners and removable chrome plated wire grid shelves. The vertical style units are 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 Dimensions (H x W x D cm)	External Dimensions (H x W x D cm)	Shelves / Positions	Wattage	Voltage	Weight (kg)	
Horizontal with Twin Doors	PRO/250H/TDIG*	220	54 x 92 x 44	109 x 113 x 68	3.4	3000	230	195
	PRO/350H/TDIG*	320	54 x 92 x 64	109 x 113 x 88	3.4	3000	230	240
	PRO/425H/TDIG	450	76 x 92 x 64	104 x 142 x 88	4.5	4500	415	285
	PRO/500H/TDIG	535	91 x 92 x 64	119 x 142 x 88	5.7	4500	415	330
	PRO/650H/TDIG	645	91 x 92 x 77	127 x 156 x 101	5.7	7500	415	380
	PRO/750H/TDIG	750	106 x 92 x 77	147 x 156 x 101	5.8	7500	415	425
	PRO/850H/TDIG	865	122 x 92 x 77	158 x 156 x 101	5.9	7500	415	460
	PRO/1000H/TDIG	1005	142 x 92 x 77	178 x 156 x 101	5.11	9000	415	530
	PRO/1250H/TDIG	1280	142 x 122 x 74	178 x 186 x 98	5.11	9000	415	600
	Vertical with Single Door	PRO/250V/TDIG	240	91 x 51 x 52	118 x 99 x 76	5.7	3000	230
PRO/350V/TDIG		345	91 x 61 x 62	118 x 109 x 86	5.7	3000	230	230
PRO/425V/TDIG		425	91 x 61 x 77	119 x 111 x 101	5.7	4500	415	275
PRO/500V/TDIG		535	114 x 61 x 77	142 x 111 x 101	5.9	4500	415	320
PRO/650V/TDIG		675	114 x 77 x 77	150 x 141 x 101	5.9	7500	415	370
PRO/750V/TDIG		760	128 x 77 x 77	165 x 141 x 101	5.10	7500	415	415
PRO/850V/TDIG		840	142 x 77 x 77	178 x 141 x 101	5.11	7500	415	450
PRO/1000V/TDIG		1005	142 x 77 x 92	178 x 141 x 116	5.11	9000	415	520

*Have base mount HM

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

300	Extended Temp 300°C	SSE	Stainless Steel Exterior	AP	Access Ports
SPC	Single Point Calibration	3PC	3 Point Calibration	10PRO	10 menu x 8 profile (inc cyclic)
STAND	Stands	EXT	Extraction Systems	3PH	Phase Upgrade (<350L models only)
X1	Extended Warranty	EXP	Explosion Relief Panels	ITL	Integral Temperature Logger