

Genlab Prime^{XL} Incubators



Model Shown - PRI/1250H/TDIG



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



Model Shown - PRI/650V/TDIG

This range of Prime^{XL} Incubators are the flagship brand of Genlab Incubators. They are built to the highest standards and packed with features and enhancements. As standard, the Prime^{XL} range offers a mirror polished stainless steel interior, increased accuracies and an extended temperature range of 100.0°C. Built around a heavy duty panelled framework, we can offer increased load capability in this range and multiple reinforced shelves. It features our latest touch screen control system which offers intuitive control designed for laboratory and industrial incubators.

Features

- 8 sizes 250 to 1000 litres (single door design)
- 9 sizes 250 to 1250 litres (twin door design)
- Mirror polished stainless steel chamber
- Temp range (ambient+ 8) °C to 100.0 °C
- Resolution 0.1 °C
- Fluctuation +/- 0.15 °C @ 37 °C
- On screen historical trending (48hours)
- 8 stage profile control
- Count down timer
- 24/7 real time clock operation
- Increased ramp up/recovery times
- Manual or automatic overheat reset
- High accuracy Pt100A duplex sensors <0.6 °C
- Fan assisted circulation
- Excellent stability <0.6 °C
- Low chamber uniformity
- Heavy duty castor wheels on all models
- Audible warnings

Options

- Stainless steel exterior
- Reinforced total load
- Reinforced shelves (up to 40 KG each)
- Double glazed viewing windows
- Inner glass doors (max 70 °C)
- Access ports (25, 50, 75 or 100mm)
- Explosion relief panels
- Traceable calibration to national standards
- Bespoke stands and stacking kits
- Extractor unit
- Extended warranty
- Internal Lights
- Bespoke solutions available upon request



Design

The exterior is constructed around a structural frame and finished with powder coated panels covering heavy duty insulation. The interior chamber is made from 304 mirror polished stainless steel.

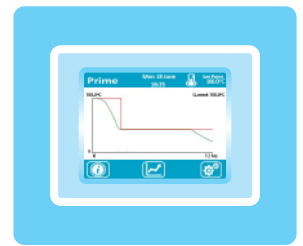
The units are fitted with fixed shelf runners and removable chrome plated wire grid shelves.

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..							
PRI/250H/TDIG *	220	54 x 92 x 44	105 x 113 x 68	3.4	1500	230	185
PRI/350H/TDIG *	320	54 x 92 x 64	105 x 113 x 88	3.4	2000	230	230
PRI/425H/TDIG	450	76 x 92 x 64	104 x 139 x 88	4.5	2500	230	275
PRI/500H/TDIG	535	91 x 92 x 64	119 x 139 x 88	5.7	2500	230	320
PRI/650H/TDIG	645	91 x 92 x 77	123 x 144 x 97	5.7	2500	230	370
PRI/750H/TDIG	750	106 x 92 x 77	138 x 144 x 97	5.8	2500	230	410
PRI/850H/TDIG	865	122 x 92 x 77	154 x 144 x 97	5.9	3000	230	445
PRI/1000H/TDIG	1005	142 x 92 x 77	174 x 144 x 97	5.11	3000	230	515
PRI/1250H/TDIG	1280	142 x 122 x 74	174 x 174 x 94	5.11	3000	230	580
Vertical Style with Single Door...							
PRI/250V/TDIG	240	91 x 51 x 52	118 x 96 x 76	5.7	1500	230	175
PRI/350V/TDIG	345	91 x 61 x 62	118 x 106 x 86	5.7	2000	230	220
PRI/425V/TDIG	425	91 x 61 x 77	119 x 108 x 101	5.7	2500	230	265
PRI/500V/TDIG	535	114 x 61 x 77	142 x 108 x 101	5.9	2500	230	310
PRI/650V/TDIG	675	114 x 77 x 77	146 x 129 x 97	5.9	2500	230	360
PRI/750V/TDIG	760	128 x 77 x 77	160 x 129 x 97	5.10	3000	230	400
PRI/850V/TDIG	840	142 x 77 x 77	174 x 129 x 97	5.11	3000	230	435
PRI/1000V/TDIG	1005	142 x 77 x 92	174 x 129 x 112	5.11	3000	230	500

* Have controls under the doors

Ordering

All units have a stainless steel interior, forced convection and 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. PRI/250H/TDIG with viewing window and explosion relief panel becomes PRI/250H/TDIG/VIS/EXP. Contact sales for bespoke options.

Option Codes

Stainless Steel Exterior - SSE
Access Ports - AP
Traceable Calibration - SPC
Explosion Relief Panels - EXP

Viewing Window - VIS
Stands/Stacking Kits - STACK
External Extraction System - EXT

Double Door (Glass) - DD
Internal Lights - IL
Extended Warranty - X1



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