

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.

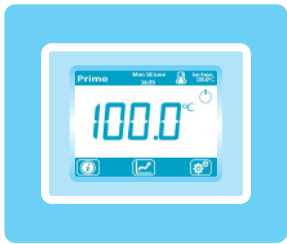
The units are fitted with fixed shelf runners and removable chrome plated wire grid shelves.

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 | 104 x 109 x 57 | 3.4 | 1500 | 230 | 105 |
| PRI/350H/TDIG | 320 | 54 x 92 x 64 | 104 x 109 x 77 | 3.4 | 2000 | 230 | 135 |
| PRI/425H/TDIG | 450 | 76 x 92 x 64 | 107 x 135 x 81 | 4.5 | 2500 | 230 | 150 |
| PRI/500H/TDIG | 535 | 91 x 92 x 64 | 127 x 135 x 81 | 5.7 | 2500 | 230 | 190 |
| PRI/650H/TDIG | 645 | 91 x 92 x 77 | 127 x 157 x 95 | 5.7 | 2500 | 230 | 300 |
| PRI/750H/TDIG | 750 | 106 x 92 x 77 | 142 x 157 x 95 | 5.8 | 2500 | 230 | 320 |
| PRI/850H/TDIG | 865 | 122 x 92 x 77 | 158 x 157 x 95 | 5.9 | 3000 | 230 | 340 |
| PRI/1000H/TDIG | 1005 | 142 x 92 x 77 | 178 x 157 x 95 | 5.11 | 3000 | 230 | 360 |
| PRI/1250H/TDIG | 1280 | 142 x 122 x 74 | 178 x 187 x 95 | 5.11 | 3000 | 230 | 400 |
| Vertical Style with Single Door... | | | | | | | |
| PRI/250V/TDIG | 240 | 91 x 51 x 52 | 127 x 94 x 61 | 5.7 | 1500 | 230 | 100 |
| PRI/350V/TDIG | 345 | 91 x 61 x 62 | 127 x 104 x 79 | 5.7 | 2000 | 230 | 130 |
| PRI/425V/TDIG | 425 | 91 x 61 x 77 | 127 x 104 x 95 | 5.7 | 2500 | 230 | 160 |
| PRI/500V/TDIG | 535 | 114 x 61 x 77 | 140 x 104 x 95 | 5.9 | 2500 | 230 | 180 |
| PRI/650V/TDIG | 675 | 114 x 77 x 77 | 140 x 142 x 95 | 5.9 | 2500 | 230 | 280 |
| PRI/750V/TDIG | 760 | 128 x 77 x 77 | 164 x 142 x 95 | 5.10 | 3000 | 230 | 300 |
| PRI/850V/TDIG | 840 | 142 x 77 x 77 | 178 x 142 x 95 | 5.11 | 3000 | 230 | 320 |
| PRI/1000V/TDIG | 1005 | 142 x 77 x 92 | 178 x 142 x 110 | 5.11 | 3000 | 230 | 350 |

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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