

Genlab Multi-Purpose Large Capacity Incubators



Model Shown - LCI/750H/TDIG



Model Shown - LCI/425V/TDIG

The Genlab range of Large Capacity Incubators offers a selection of highly efficient, reliable and cost effective units. They are suitable for larger applications of incubation, research and general laboratory applications. Featuring our latest touch screen control system which offers intuitive control and excellent accuracies designed for laboratory incubators.

Features

- 8 sizes 250 to 1000 litres (single door design)
- 9 sizes 250 to 1250 litres (twin door design)
- Temp range (ambient+ 8) °C to 70 °C
- Fluctuation +/- 0.25 °C @ 37 °C
- Resolution 0.1°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 Pt100B duplex sensors <0.8 °C
- Fan assisted circulation
- Excellent stability <+/- 0.6 °C
- Low chamber uniformity

Options

- Stainless steel chamber
- Viewing windows
- Inner glass doors
- Access ports (25, 50, 75 or 100mm)
- Bespoke stands and stacking kits
- Audible warnings
- Traceable calibration to national standards
- Extractor unit
- Extended warranty
- Explosion relief panels
- Internal lights
- Bespoke solutions available upon request
- Castor wheels (fitted as standard above 425L versions)



Design

The exterior is constructed from sheet steel and finished in an easy clean powder coated paint. The interior chamber is made from mild steel coated with aluminium (CLAD) with a stainless steel chamber available as an option. Fitted with fixed shelf runners and removable chrome plated wire grid shelves.

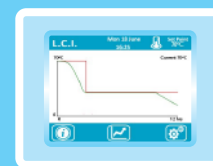
The vertical style units are fitted with single doors, the horizontal style units are fitted with twin doors.

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

| GenlabReference 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.. | | | | | | | |
| LCI/250H/TDIG | 220 | 54 x 92 x 44 | 94 x 109 x 57 | 3..4 | 1000 | 230 | 96 |
| LCI/350H/TDIG | 320 | 54 x 92 x 64 | 94 x 109 x 77 | 3..4 | 1500 | 230 | 125 |
| LCI/425H/TDIG | 450 | 76 x 92 x 64 | 107 x 135 x 81 | 4..5 | 2000 | 230 | 140 |
| LCI/500H/TDIG | 535 | 91 x 92 x 64 | 127 x 135 x 81 | 5..7 | 2000 | 230 | 180 |
| LCI/650H/TDIG | 645 | 91 x 92 x 77 | 127 x 157 x 95 | 5..7 | 2000 | 230 | 280 |
| LCI/750H/TDIG | 750 | 106 x 92 x 77 | 142 x 157 x 95 | 5..8 | 2000 | 230 | 300 |
| LCI/850H/TDIG | 865 | 122 x 92 x 77 | 158 x 157 x 95 | 5..9 | 2000 | 230 | 320 |
| LCI/1000H/TDIG | 1005 | 142 x 92 x 77 | 178 x 157 x 95 | 5..11 | 2000 | 230 | 340 |
| LCI/1250H/TDIG | 1280 | 142 x 122 x 74 | 178 x 187 x 95 | 5..11 | 2000 | 230 | 370 |
| Vertical Style with Single Door... | | | | | | | |
| LCI/250V/TDIG | 240 | 91 x 51 x 52 | 117 x 94 x 61 | 5..7 | 1000 | 230 | 90 |
| LCI/350V/TDIG | 345 | 91 x 61 x 62 | 117 x 104 x 79 | 5..7 | 1500 | 230 | 120 |
| LCI/425V/TDIG | 425 | 91 x 61 x 77 | 127 x 104 x 94 | 5..7 | 2000 | 230 | 150 |
| LCI/500V/TDIG | 535 | 114 x 61 x 77 | 150 x 104 x 94 | 5..9 | 2000 | 230 | 165 |
| LCI/650V/TDIG | 675 | 114 x 77 x 77 | 150 x 142 x 95 | 5..9 | 2000 | 230 | 260 |
| LCI/750V/TDIG | 760 | 128 x 77 x 77 | 164 x 142 x 95 | 5..10 | 2000 | 230 | 280 |
| LCI/850V/TDIG | 840 | 142 x 77 x 77 | 178 x 142 x 95 | 5..11 | 2000 | 230 | 300 |
| LCI/1000V/TDIG | 1005 | 142 x 77 x 92 | 178 x 142 x 110 | 5..11 | 2000 | 230 | 320 |

Ordering

All units have CLAD interior with touch screen interface as standard.

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

E.g. LCI/1250/TDIG with stainless steel interior and audible alarm becomes LCI/1250/TDIG/SS/AUD.

Contact sales for bespoke options.

Option Codes

Stainless Steel Chamber - SS

Access Ports - AP

Traceable Calibration - SPC

Explosion Relief Panels - EXP

Viewing Window - VIS

Stands/Stacking Kits - STACK

External Extraction System - EXT

Internal Lights - IL

Double Door (Glass) - DD

Audible Warning - AWA

Extended Warranty - X1

Castor Wheels (250 - 350 models only) - 1108