




Prime Incubators

The Genlab range of Prime Incubators are the flagship brand of Genlab Incubators. They are built to the highest standards and packed with many features and enhancements. As standard, the Prime range offers a mirror polished stainless steel interior, increased accuracies and an extended temperature range of 100.0°C. It also features our latest touch screen control system which offers intuitive control designed for laboratory incubators. Optional temperature recording now available on the Prime range.

Features

- 7 sizes (30 to 200 litres)
- Mirror polished stainless steel chamber
- Temperature range (Ambient+ 5)°C to 100.0°C
- Resolution 0.1°C
- Fluctuation +/- 0.15°C @ 37°C
- On screen historical trending (48 hours)
- 8 stage profile control
- Countdown 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 <+/- 0.5°C
- Low chamber uniformity
- 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)
- Reinforced shelves (up to 40 KG each)
- Reinforced total load
- Double glazed viewing windows
- Inner glass doors (max 70°C)
- Access ports (25, 50, 75 or 100mm)
- Audible warnings
- Traceable calibration to national standards
- Bespoke stands and stacking kits
- Extractor unit
- Extended warranty
- Internal lights
- Bespoke solutions available upon request



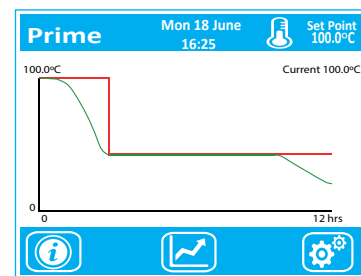
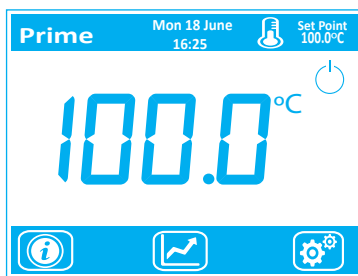
Design

The exterior is constructed from sheet steel, finished in an easy clean powder coated paint. The interior chamber is made from mirror polished stainless steel. The units are fitted with fixed shelf runners and removable chrome plated wire grid shelves.

Heating

The units are heated by Incoloy sheathed elements positioned around the fan and fitted at the back of the chamber.

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 (approx litres)	Internal Dimensions (H x W x D cm)	External Dimensions (H x W x D cm)	Shelves / Positions	Wattage	Voltage	Weight (kg)
PRI/30/TDIG	30	24 x 36 x 31	57 x 50 x 62	2..2	500	230	30
PRI/50/TDIG	53	33 x 49 x 29	66 x 63 x 59	2..3	500	230	40
PRI/75/TDIG	73	33 x 49 x 41	66 x 63 x 72	2..3	750	230	60
PRI/100/TDIG	99	45 x 49 x 41	78 x 63 x 72	3..4	750	230	70
PRI/125/TDIG	120	54 x 49 x 41	88 x 63 x 72	3..5	750	230	75
PRI/150/TDIG	143	55 x 49 x 49	88 x 63 x 80	3..5	750	230	80
PRI/200/TDIG	195	75 x 49 x 49	108 x 63 x 80	4..7	1000	230	105

Ordering

All units have a stainless steel interior, forced convection and 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/50/TDIG with access port and viewing window becomes PRI/50/TDIG/AP/VIS. Contact sales for bespoke options.

Option Codes

VIS	Viewing Window	DD	Double Door (glass inner)	10PRO	10 menu x 8 profile (inc cyclic)
AP	Access Port	AWA	Audible Warning	SPC	Single Point Calibration
3PC	3 Point Calibration	TUS	Temp Uniformity Surveys	EXT	Extraction Systems
X1	Extended Warranty	IL	Internal Lights	STACK	Stacking Kits
STAND	Stands	ITL	Integral Temperature Logger		