Genlab

PRI/75/TDIG

PRI/150/TDIG

Prime Incubators

The Genlab Prime Incubator range represents the pinnacle of laboratory incubator design, combining premium quality with advanced features to meet the highest standards of research and analysis.

Crafted with a mirror-polished stainless steel interior, the Prime range delivers enhanced accuracy and an extended temperature range of up to 100°C, ensuring reliable performance for even the most demanding applications.

Intuitive operation is made effortless with Genlab's latest touch-screen control system, while optional features such as temperature and energy usage recording provide added insight and efficiency. Optional fan speed control (50-100%) offers precise control, making them ideal for tasks like agar testing.

With Genlab Prime, experience laboratory incubation that's precise, reliable, and designed to elevate your work.

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
- 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 <0.4°C
- Fan assisted circulation
- Excellent stability
- 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
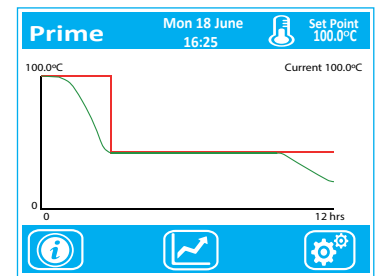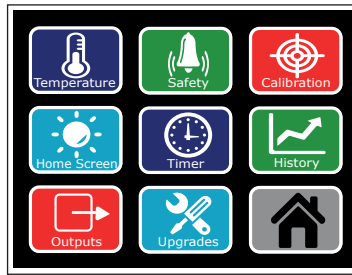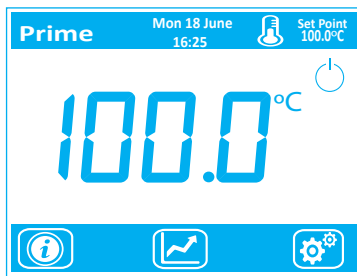- Fan speed control (50-100%)

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 66	2..2	500	230	30
PRI/50/TDIG	53	33 x 49 x 29	66 x 63 x 64	2..3	500	230	40
PRI/75/TDIG	73	33 x 49 x 41	66 x 63 x 76	2..3	750	230	60
PRI/100/TDIG	99	45 x 49 x 41	78 x 63 x 76	3..4	750	230	70
PRI/125/TDIG	120	55 x 49 x 41	88 x 63 x 76	3..5	750	230	75
PRI/150/TDIG	143	55 x 49 x 49	88 x 63 x 84	3..5	750	230	80
PRI/200/TDIG	195	75 x 49 x 49	108 x 63 x 84	4..7	1000	230	105

Please see product datasheets for dimensional drawings

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 widow 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	**FSC**	Fan Speed Control