

Genlab PRIME XL Laboratory Oven



Stock No	OF2676J
Manufacturer	Genlab
Model	PRI/1600H/TDIG PRIME XL
Condition	From a working environment, Excellent Condition
Internal Size (WxDxH mm)	800 x 1400 x 1600mm :1600Litres Capacity
Max Temp	100°C
Other Info	415 Volts : Elements = 3.6kW
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	300-450
External Dimensions (WxDxH mm)	1000 x 2000 x 2100mm

Description

The GenlabPRI/1600H/TDIG PRIME XL is a large capacity, fan-assisted, precision-controlled laboratory incubator designed for industrial, R&D, and production environments. It uses the TDIG touch-screen PID controller with dual independent temperature probes and advanced timer/profile functions.

Temperature Performance

- Temperature range: Ambient +8 °C to 100 °C
- Control resolution: 0.1 °C



- Control accuracy: <0.4 °C
- Stability @ 37 °C: ±0.2 °C
- Uniformity @ 37 °C: ±1.0 °C
- Heat-up time to 37 °C: ~20–22 minutes (large-volume chamber)
- Recovery after 30 sec door open: ~5 minutes
- Overheat protection:
 - Independent Pt100A probe
 - Configurable alarm value or deviation band
 - Auto or manual reset

Data logging

- On-screen trending (up to 48 hours).
- USB export (raw data + energy usage).

Timer modes

- Countdown timer (1–5000 min).
- 8-stage profile.
- 10× profile menus (optional).
- Cyclic mode.
- 24/7 real-time clock.

Construction

- Internal chamber is polished stainless steel (304).
- External body is powder-coated steel.
- High-density thermal insulation.
- Fan-assisted horizontal airflow.
- Twin horizontal doors (H-Series).
- Shelving is adjustable stainless steel shelves.
- Shelf loading is typically 30–40 kg per shelf (H-Series standard).

Operating Modes

- Manual mode.
- Timer countdown.
- Profile mode (8-stage).
- Multi-profile (10× menus).
- Cyclic mode.
- Real-time clock scheduling.



Capacity

- Internal volume:~1600 litres

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.