

## Genlab PRIME XL Laboratory Oven



|                                |                                                                        |
|--------------------------------|------------------------------------------------------------------------|
| Stock No                       | <a href="#">OF2678J</a>                                                |
| Manufacturer                   | <a href="#">Genlab</a>                                                 |
| Model                          | PRI/1600H/TDIG PRIME XL                                                |
| Condition                      | From a working environment, Excellent Condition, Unused, Current Model |
| 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.**