



Prime Ovens

Discover the Genlab Prime Range - our flagship line, built for those who demand the best in reliability, accuracy, and control.

Crafted with a premium stainless steel interior and designed to perform continuously at 300°C, Prime Ovens deliver faster response times, greater load capacity, and exceptional consistency - every time.

Take control with our intuitive touchscreen interface, engineered for effortless operation in both industrial and laboratory settings.

Add smart options like temperature and energy monitoring or variable fan speed control (50-100%) to optimise performance your way.

Features

- 7 sizes (30 to 200 litres)
- Stainless steel chamber
- Temp. range 50°C to 250°C (300°C upgrade available)
- On screen historical trending (48 hours)
- 8 stage profile control
- Countdown timer
- 24/7 real time clock operation
- Manual or automatic overheat reset
- High accuracy PT100A duplex sensors <0.4°C
- Fan assisted circulation
- Excellent stability
- Low chamber uniformity
- Quick responding
- 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)
- 300°C continuous temperature rating
- Reinforced shelving (up to 40kg each)
- Reinforced total load
- Access ports (25, 50, 75 or 100mm)
- Traceable calibration to national standards
- Bespoke stands and stacking kits
- Extractor unit
- Audible warnings
- Extended warranty
- 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 304 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)
PRO/30/TDIG	30	24 x 36 x 31	59 x 50 x 66	2.2	1000	230	30
PRO/50/TDIG	53	33 x 49 x 29	68 x 63 x 64	2.3	1000	230	40
PRO/75/TDIG	73	33 x 49 x 41	68 x 63 x 76	2.3	1500	230	60
PRO/100/TDIG	99	45 x 49 x 41	80 x 63 x 76	3.4	1500	230	70
PRO/125/TDIG	120	55 x 49 x 41	90 x 63 x 76	3.5	2000	230	75
PRO/150/TDIG	143	55 x 49 x 49	90 x 63 x 84	3.5	2000	230	80
PRO/200/TDIG	195	75 x 49 x 49	110 x 63 x 84	4.7	2500	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. **PRO/50/TDIG** with extended temperature range and audible warning becomes **PRO/50/TDIG/300/AWA**.
Contact sales for bespoke options.

Option Codes

300	Extended Temp 300°C	AP	Access Ports	10PRO	10 menu x 8 profile (inc cyclic)
SPC	Single Point Calibration	3PC	3 Point Calibration	TUS	Temp Uniformity Surveys
EXT	Extraction Systems	AWA	Audible Warning	STACK	Stacking Kit
STAND	Stands	FSC	Fan Speed Control	ITL	Integral Temperature Logger