




Multi-Purpose Benchtop Ovens

The Genlab range of Benchtop Ovens offers a range of highly efficient, reliable and cost effective ovens to suit most warming, drying and heat treatment processes.

Available in a variety of sizes and designed with both side or base mounted displays to suit your exact needs. Featuring our latest touch screen control system which offers intuitive control and excellent accuracies designed for industrial and laboratory ovens.

Features

- 10 sizes (6 to 200 litres - base mount controller design)
- 6 sizes (50 to 200 litres - side mount controller design)
- Temperature range 40°C to 250°C
- On screen historical trending (48 hours)
- Manual or automatic overheat reset
- High accuracy PT100B duplex sensors <math><0.8^{\circ}\text{C}</math>
- Excellent stability <math><+/- 0.6^{\circ}\text{C}</math> (fan assisted)
- Low chamber uniformity
- Energy efficient with integral energy meter
- New - set point lock feature
- Selectable HMI languages 

Options

- Fan assisted circulation (not available <math><30\text{L}</math>)
- Stainless steel chamber
- 8 stage profile control
- Countdown timer
- 24/7 real time clock operation
- Access ports (25, 50, 75 or 100mm)
- Audible warnings
- Traceable calibration to national standards
- Bespoke stands and stacking kits
- Extractor unit
- Extended warranty
- Explosion relief panels (OV style only)
- Bespoke solutions available upon request
- 10 menu x 8 stage profile (& cyclic control)



Design

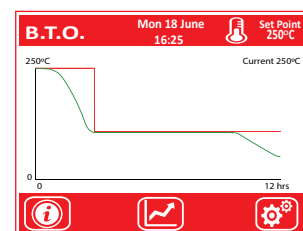
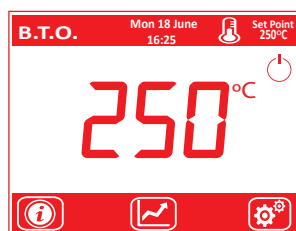
The exterior is constructed from sheet steel and finished in an easy clean powder coated paint. The interior chamber is made from mild steel coated with aluminium (CLAD), with a stainless steel chamber available as an option. They are fitted with fixed shelf runners and removable chrome plated wire grid shelves.

Heating

Heated by Incoloy sheathed elements positioned in the base of the oven on all natural convection ranges. Fan assisted ranges have elements on the rear on base mount designs and in the side on side mount designs.

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* (litres)	Internal Dims (H x W x D cm)	External Dims (H x W x D cm)	Internal Dims (H x W x D cm)	External Dims (H x W x D cm)	Shelves / Positions	Wattage	Weight (kg)	
		Natural Convection		Fan Assisted Circulation					
Base Mount	MINO/6/TDIG	6	15 x 23 x 19	46 x 35 x 33	N/A	N/A	1.1	350	16
	MINO/18/TDIG	18	26 x 26 x 27	55 x 38 x 41	N/A	N/A	2.2	500	21
	MINO/30/TDIG	30	24 x 36 x 35	51 x 48 x 49	24 x 36 x 31	51 x 48 x 63	2.2	750	30
	MINO/40/TDIG	40	32 x 36 x 35	54 x 48 x 49	32 x 36 x 31	54 x 48 x 63	2.3	750	35
	MINO/50/TDIG	53	33 x 49 x 33	66 x 63 x 47	33 x 49 x 29	66 x 63 x 61	2.3	750	45
	MINO/75/TDIG	73	33 x 49 x 45	66 x 63 x 60	33 x 49 x 41	66 x 63 x 74	2.3	1000	55
	MINO/100/TDIG	99	45 x 49 x 45	78 x 63 x 60	45 x 49 x 41	78 x 63 x 74	3.4	1000	60
	MINO/125/TDIG	121	55 x 49 x 45	88 x 63 x 60	55 x 49 x 41	88 x 63 x 74	3.5	1500	65
	MINO/150/TDIG	143	55 x 49 x 53	88 x 63 x 68	55 x 49 x 49	88 x 63 x 82	3.5	1500	70
	MINO/200/TDIG/F	180	N/A	N/A	75 x 49 x 49	108 x 63 x 84	4.7	2000	80
Side Mount	OV/50/TDIG	58	42 x 40 x 35	58 x 73 x 48	45 x 36 x 35	58 x 73 x 48	2.3	750	35
	OV/75/TDIG	78	42 x 53 x 35	58 x 85 x 48	45 x 49 x 35	58 x 85 x 48	2.3	1000	45
	OV/100/TDIG	102	42 x 53 x 46	58 x 85 x 59	45 x 49 x 46	58 x 85 x 59	3.4	1000	55
	OV/125/TDIG	126	52 x 53 x 46	69 x 85 x 59	55 x 49 x 46	69 x 85 x 59	3.5	1500	65
	OV/150/TDIG	149	52 x 53 x 54	69 x 85 x 67	55 x 49 x 54	69 x 85 x 67	3.5	1500	70
	OV/200/TDIG/F	198	N/A	N/A	75 x 49 x 54	89 x 85 x 67	4.7	2000	90

*Note, useable internal capacity is reduced with fan assisted circulation

Ordering

All units have CLAD interior with touch screen interface as standard. Where options are required simply add the option code to the original reference. e.g. MINO/50/TDIG with fan assisted circulation and stainless steel chamber becomes MINO/50/TDIG/F/SS. Contact sales for bespoke options.

Option Codes

F	Fan Assisted Circulation	SS	Stainless Steel Chamber	EXP	Explosion Relief Panels (OV only)
AP	Access Ports	TIM	3 Stage Advanced Timer	10PRO	10 menu x 8 profile (inc cyclic)
AWA	Audible Warning	SPC	Single Point Calibration	3PC	3 Point Calibration
TUS	Temp Uniformity Surveys	EXT	Extraction Systems	X1	Extended Warranty