




Genlab



Multi-Purpose Benchtop Incubators

The Genlab range of Benchtop Incubators offers a selection of highly efficient, reliable and cost effective incubators to suit most biological analysis, research and general laboratory applications. Available in a variety of sizes and designed with both side or base mounted displays to suit your exact needs. They feature our latest touch screen control system which offers intuitive control and excellent accuracies designed for laboratory incubators.

Features

- 10 sizes (6 to 200 litres - base mount controller design)
- 6 sizes (50 to 200 litres - side mount controller design)
- Temperature range (ambient +5)°C to 70°C
- Fluctuation +/- 0.25°C @ 37°C
- High resolution 0.1°C
- On screen historical trending (48 hours)
- Manual or automatic overheat reset
- High accuracy PT100B duplex sensors <0.8°C
- Excellent stability <+/- 0.6°C (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 <30L)
- Stainless steel chamber
- Viewing windows
- Inner glass doors
- Access ports (25, 50, 75 or 100mm)
- Bespoke stands and stacking kits
- Audible warnings
- 8 stage profile control
- Countdown timer
- 24/7 real time clock operation
- Traceable calibration to national standards
- Extractor unit
- Extended warranty
- Internal lights
- Bespoke solutions available upon request
- 10 menu x 8 stage profile (& cyclic control)



Design

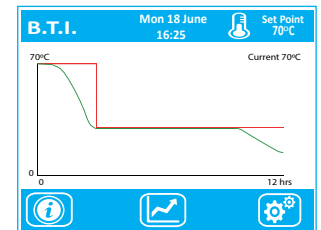
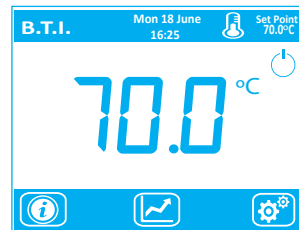
The exterior is constructed from sheet steel and finished in an easy clean powder coated paint. The interior chamber is made from mild steel coated with aluminium (CLAD), with a stainless steel chamber available as an option. They are fitted with fixed shelf runners and removable chrome plated wire grid 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								
MINI/6/TDIG	6	15 x 23 x 19	46 x 35 x 33	N/A	N/A	1..1	150	16
MINI/18/TDIG	18	26 x 26 x 27	55 x 38 x 41	N/A	N/A	2..2	350	21
MINI/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	500	30
MINI/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	500	35
MINI/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	500	45
MINI/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	750	55
MINI/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	750	60
MINI/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	750	65
MINI/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	750	70
MINI/200/TDIG/F	180	N/A	N/A	75 x 49 x 49	108 x 63 x 84	4..7	1000	80
Side Mount								
INC/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	500	35
INC/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	750	45
INC/100/TDIG	102	42 x 53 x 46	58 x 85 x 59	45 x 49 x 40	58 x 85 x 59	3..4	750	55
INC/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	750	65
INC/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	750	70
INC/200/TDIG/F	198	N/A	N/A	75 x 49 x 54	89 x 85 x 67	4..7	1000	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. **MINI/50/TDIG** with fan assisted circulation and stainless steel chamber becomes **MINI/50/TDIG/F/SS**. Contact sales for bespoke options.

Option Codes

F	Fan Assisted Circulation	SS	Stainless Steel Chamber	VIS	Viewing Window
DD	Double Door (Glass)	AP	Access Ports	STAND	Stands
STACK	Stacking Kits	TIM	3 Stage Advanced Timer	10PRO	10 menu x 8 profile (inc cyclic)
AWA	Audible Warning	SPC	Single Point Calibration	3PC	3 Point Calibration