

# Genlab

## Laboratory Division

### GENERAL PURPOSE INCUBATORS



50 litre Incubator with Digital Control  
INC/50/DIG



75 litre Incubator  
MINI/75

The GENLAB General Purpose Incubators offer a range of highly efficient, reliable, cost effective units to suit most biological analysis, research and general laboratory applications.

#### Specifications

- 10 sizes 6 to 200 litres
- Temperature range:
  - ambient +5 to 100°C without fan
  - ambient +5 to 70°C with double door
  - ambient +5 to 60°C with window
  - ambient +8 if fan fitted
- Fluctuation +/- 0.25°C @ 37°C
- Easy clean powder coated body
- Aluminium coated mild steel chamber
- Direct reading thermostat
- Safety overheat thermostat
- Full two year warranty
- C.E. compliant

#### Options

- Stainless steel chamber
- Fan circulation (30 litre +)
- Alternative door with integral viewing window
- Double door (solid outer, clear inner)
- Microprocessor digital controller with dual display of set point and actual temperature
- Other accessories available on request



Certificate No. 5531

# GENERAL PURPOSE INCUBATORS

## Design

The exterior is constructed from sheet steel 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.

Fitted with fixed shelf runners and removable chrome plated wire grid shelves. The top vent is fitted with a clip to hold a mercury in glass thermometer.

The vertical style units are fitted with the controls below the door, the horizontal style units with the controls fitted on the side.

The incubators have a solid steel door as standard or as an alternative a door with an integral viewing window (VIS) can be fitted.

As an option a double door, comprising steel outer with an inner glass door is also available.

## Heating

Heated by Incoloy sheathed elements; positioned below the chamber floor for natural convection units and fitted around the fan on the back or side wall of the chamber for mechanical convection units.

The 200 litre units have fan circulation as standard.

## Controls

The control system comprises of a direct reading thermostat and overheat thermostat both with calibrated scales and tamper proof locks. They also include main switch with indicator and heat and overheat indicators.

Options include a PID Microprocessor controller with dual displays of set point and actual temperature, which are auto-tuned for each individual unit to optimise the heat up, overshoot and control of temperature.

## Specifications

### Vertical style

Genlab ref. Number	Capacity (litres)	Internal dims (H x W x D cm)	External dimensions (H x W x D cm)		No. of shelves	No. shelf positions	Weight (kg)
			without fan	with fan			
MINI/6	6	15 x 23 x 19	39 x 32 x 33	N/A	1	1	7
MINI/18	18	26 x 26 x 27	52 x 38 x 41	N/A	2	2	14
MINI/30	30	24 x 36 x 35	50 x 48 x 49	50 x 48 x 62	2	2	20
MINI/40	40	32 x 36 x 35	58 x 48 x 49	58 x 48 x 62	2	3	23
MINI/50	50	33 x 49 x 33	59 x 61 x 47	59 x 61 x 59	2	3	26
MINI/75	75	33 x 49 x 45	59 x 61 x 60	59 x 61 x 72	2	3	34

### Horizontal style

Genlab ref. Number	Capacity (litres)	Internal dims (H x W x D cm)		External dims (H x W x D cm)	No. of Shelves	No. shelf positions	Weight (kg)
		without fan	with fan				
INC/50	50	42 x 41 x 34	45 x 37 x 34	57 x 73 x 47	2	3	31
INC/75	75	42 x 53 x 34	45 x 49 x 34	57 x 85 x 47	2	3	39
INC/100	100	42 x 53 x 46	45 x 49 x 46	57 x 85 x 59	3	4	48
INC/125	125	52 x 53 x 46	55 x 49 x 46	68 x 85 x 59	3	5	57
INC/150	150	52 x 53 x 54	55 x 49 x 54	68 x 85 x 66	3	5	66
INC/200/F	200	N/A	75 x 49 x 54	87 x 85 x 66	4	7	85

## Ordering

All units have CLAD interior with thermostatic control as standard.

Where options are required simply add the option code to the original reference.

i.e MINI/75 with stainless steel interior and digital controller becomes **MINI/75/SS/DIG**

## Option codes

Stainless steel/**SS**      Fan circulation/**F**      Viewing window/**VIS**  
Double door/**DD**      Digital control/**DIG**