

# Genlab

## Laboratory Division

### COOLED INCUBATORS



50 litre Cooled Incubator  
CI/50

100 litre Cooled Incubator  
CI/100

The GENLAB Cooled Incubators offer a range of highly accurate, efficient and economical units that are ideally suited for a wide range of research, testing and general laboratory applications.

#### Features

- 4 sizes: 50,100, 200 & 280 litre
- Temperature range +2°C to 50°C
- Fluctuation +/- 0.1°C @ 20°C
- PID Microprocessor digital control with dual display of set point and actual temperature
- Auto-switch for refrigeration
- White stove enamel exterior
- Fan assisted circulation
- Self evaporating condensate drip-tray
- RF and TV suppressed
- Sealed refrigeration system
- Automatic defrost system
- Locking door
- Easy clean plastic moulded chamber
- Safety overheat thermostat
- One year warranty
- C E compliant

#### Accessories

- Timers
- Fully programmable controllers
- Communication ports
- Interior lights
- Access ports
- Internal 13 amp socket
- Audible and visible alarms
- Viewing window
- Chart recorders



Certificate No. 5531

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## Design

The exterior is constructed from mild steel finished in white enamel paint.

The interior is a durable, easy clean moulded plastic chamber fitted with a stainless steel back plate. All units are fitted with integral shelf runners and removable plastic coated wire grid shelves.

## Controls

The control system comprises a Microprocessor digital PID control with dual displays of set point and actual temperature.

When higher temperatures are required, many traditional cooled incubators either keep the cooling compressor running continuously or have a manual switch to turn the compressor off, which often means that the units are either high in energy costs or need constant attention.

The Genlab units incorporate an "intelligent switch" built into the digital controller that automatically switches the cooling compressor off at a set point when temperatures above ambient are required. This means the user can leave the unit unattended and can be confident that the minimum amount of energy is being used for the incubator performance.

All units have fan assisted air circulation for even temperature distribution throughout the chamber

## Specifications

Genlab ref Number	Capacity (litre)	Internal Dimensions					Ext Dims H x W x D cm	No. of Shelves	No Shelf Positions	Weight (kg)
		H1	H2	W	D1	D2 cm				
CI/50	50	27	20	42	30	20	75 50 55	2	3	30
CI/100	100	48	20	42	38	26	95 50 63	3	8	40
CI/200	200	110	20	42	38	26	157 53 66	6	15	60
CI/280	280	142	20	44	41	29	190 64 64	7	27	70

### CHAMBER CONFIGURATION

