

# Classic Incubators



The Spirit of Innovation

# Classic Incubators

## LEEC CLASSIC INCUBATORS ARE IDEAL FOR ROUTINE MICROBIOLOGY WORK AND INCUBATING SAMPLES

**Construction** - The LEEC Classic Incubator Range has fully sealed chambers manufactured from polished stainless steel with rounded corners for easy cleaning. The outer cabinet is manufactured from stainless steel, and has a tough powder coat paint finish. This gives the Classic Incubator exceptional corrosion resistance. An inner glass viewing door closes positively onto a silicone gasket and allows a clear view of the chamber contents without disturbing the internal atmosphere. The outer door has a magnetic gasket providing a good seal. A rear access port allows temperature monitoring probes to be inserted safely into the chamber.

**Heating** - New profiled resistive wire heating elements and high performance insulation ensure optimum temperature control. All models have gentle fan assisted air circulation. This ensures even temperature distribution throughout the chamber. Fast temperature recovery keeps heat loss to a minimum after door opening.

**Temperature Control** - The latest in microprocessor temperature controller technology gives the Classic Incubator range excellent temperature stability to within 0.1°C. Fuzzy Logic and Auto Tune features allow the controller to adapt to each chamber size, optimising their

performance and accuracy. The controller is simple to use, with target and actual temperatures being displayed in real time on a two-colour digital display.

**Safety** - Over and under temperature alarm thresholds can be programmed into the controller. An independent safety cut out disconnects the heating elements should an over temperature condition occur. The controller can be password protected too, stopping any unauthorised adjustments to the Set Point and alarm thresholds.

**Warranty** - LEEC Classic Incubators are covered by a 1 year warranty.

### Features:

- Energy efficient
- Simple to use
- Fully sealed chamber with radius corners
- Accurate temperature control
- Fan assisted air circulation
- All stainless steel construction
- Fast recovery time

### TECHNICAL SPECIFICATIONS

	C100	C157	C330
External (Dimensions H x W x D mm)	582 x 684 x 620	790 x 684 x 620	1417 x 684 x 620
Internal (Dimensions H x W x D mm)	365 x 550 x 500	573 x 550 x 500	1200 x 550 x 500
Chamber Capacity (litres)	100	157	330
Shelves Included	2	4	6
Power Rating (Watts)	240 (maximum)	280 (maximum)	440 (maximum)
Weight (kg)	54	70	107
Temperature Range	At least 5°C above ambient to +60°C		
Temperature Control	Typically $\pm 0.1^\circ\text{C}$ @ 37°C		
Temperature Variation	Typically better than $\pm 0.2^\circ\text{C}$ @ 37°C		
Temperature Recovery (approx)	2 minutes	3 minutes	4 minutes



Left: C100  
Above: C157  
Right: C330

