



50 Years of Manufacturing Experience

CLASSIC INCUBATOR RANGE



Radius Corners



Digital Control

- All stainless steel construction
- Fully sealed chamber
- Fan assisted air circulation
- Accurate temperature control

- Energy efficient
- Simple to use
- Fast recovery time
- Radius corners



CLASSIC INCUBATOR RANGE

**CONSTRUCTION** The new LEEC Classic Range of incubators have 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 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 incubator 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 this 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.

| TECHNICAL SPECIFICATIONS                  |   |                 |                  |
|---|---|-----------------|------------------|
|   | C100                                    | C157            | C330             |
| <b>External</b> (Dimensions H x W x D mm) | 582 x 684 x 620                         | 790 x 684 x 620 | 1417 x 684 x 620 |
| <b>Internal</b> (Dimensions H x W x D mm) | 365 x 550 x 500                         | 573 x 550 x 500 | 1200 x 550 x 500 |
| <b>Chamber Capacity</b> (litres)          | 100                                     | 157             | 330              |
| <b>Shelves Included</b>                   | 2                                       | 4               | 6                |
| <b>Power Rating</b> (watts)               | 240 (maximum)                           | 280 (maximum)   | 440 (maximum)    |
| <b>Weight</b> (kg)                        | 54                                      | 70              | 107              |
| <b>Temperature Range</b>                  | At least 5°C above ambient to +60 °C    |                 |                  |
| <b>Temperature Control</b>                | Typically ± 0.1°C at 37.0°C             |                 |                  |
| <b>Temperature Variation</b>              | Typically better than ± 0.2°C at 37.0°C |                 |                  |
| <b>Temperature Recovery</b> (approx.)     | 2 minutes                               | 3 minutes       | 4 minutes        |

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