

The LEEC P33 Precision incubator combines traditional styling with modern controls for precise temperature control in a large stainless-steel chamber.

The P33 has six adjustable stainless-steel shelves and four inner glass viewing doors. The outer cabinet is rust-resistant and finished in white polyester powder coat paint which has anti-microbial properties. Two 12mm access ports are provided so that cables for shakers, stirrers or monitoring probes can be passed safely into the chamber.

The heating system consists of low wattage electrical elements specially designed and profiled to eliminate hot spots around the chamber. Expanding polyurethane insulation is foamed in-situ to give excellent thermal retention which ensures optimum temperature control and stability. The P33 is a heat-only incubator.

The P33 has gentle fan-assisted air circulation via a full-width duct to ensure optimum temperature stability throughout the chamber. When a door is opened, the fans stop, so heat loss is kept to a minimum.

The microprocessor temperature controller keeps the set temperature to within 0.1°C. The easy-to-use temperature controller shows both 'set' and 'measured' values, with an LED indicator showing when the heater is active.

An independent digital over-temperature safety cut out is included as standard. This protects the chamber contents from accidental over-temperature situations. The cut-out limit can be easily adjusted by the end-user.

Please note that operation of the incubator at (or below) room temperature requires a source of chilled water such as the LEEC self-contained recirculating cooler unit. LEEC Precision incubators (regardless of age) can cool when connected to a LEEC self-contained recirculating cooler unit.

Standard Features:

- Ideal for use at 37.0°C
- Large storage capacity
- Microprocessor temperature controller
- Fan assisted
- Over temperature protection
- Stainless steel chamber and shelves
- Lockable castors/wheels
- Inner glass doors

Options:

- Additional shelves
- Internal power point, factory fitted
- Digital Data Recorder (DDR)





	P33 (Heat only)
Temperature Range Control Variation Recovery	At least 5°C above ambient to +60°C Typically $\pm 0.1^\circ$ at +37°C $\pm 1.0^\circ\text{C}$ at +37°C Approx. 6 minutes
Chamber Capacity	730 L
Castors	Yes (lockable)
Shelves Included	6
External Dimensions (H x W x D mm)	1550 x 1270 x 660
Internal Dimensions (H x W x D mm)	1275 x 1140 x 490
Power Rating	600 Watts
Weight	225 KG
Electrical Supply	220/240V AC, 50/60 Hz
Warranty	1 year