

## Jeio Tech 242 Litre Forced Convection Low Temperature Incubator (IL3-25)

**Product Code:** AAH220512K

**Brand:** Jeio Tech

The Jeio Tech 242 Litre Forced Convection Low Temperature Incubator (IL3-25) delivers superb low temperature incubation with its noiseless HBP compressor cooling system, which reduces water evaporation within the chambers.

This low temperature incubator also comes with microprocessor PID control, three point temperature calibration, and automatic tuning. Forced air convection is carried out using an optimal cross flow fan for chamber temperature uniformity.

### Features:

#### Performance:

- Temperature range from 0°C to 80°C. Silent cooling system reduces water evaporation within the chamber.
- Microprocessor PID control.
- Three point temperature calibration/automatic tuning.
- Forced air convection using an optimal cross flow fan for chamber temperature uniformity.

#### Convenience:

- Large chamber volume.
- Bright VFD display (0.1°C resolution) with heating level indication and quick adjustable dial knob.
- Dual wait on/off timer modes (1 min. to 99 hr. 59 min.).
- Convenient preset function for 3 most commonly used temperature settings.
- Built-in electrical outlet with a safety cover inside the chamber.
- Convenient sample monitoring without affecting chamber temperature via inner tempered glass door.
- Rounded corners for easy cleaning and optimal airflow.
- Quick-release front grill for easy cleaning of the condenser.
- Built-in RS-232 port and USB port for external control and data collection.

#### Safety:

- Automatic run after power interruption.
- Over-current protection.
- Triple independent temperature monitor system (temperature deviation alarm: high/low, electronic temperature limiter: high/low, and mechanical over-temperature limiter: high).
- Keypad lock function prevents accidental changes during operation.
- Audible and visible open door alarms.



## Specifications:

<b>Chamber Volume (litres)</b>	242
<b>Refrigerator (Hp)</b>	1/6 HBP
<b>Temperature Range (°C)</b>	0 to 80
<b>Temperature Fluctuation at 37°C</b>	± 0.1
<b>Temperature Variation at 37°C</b>	± 1.0
<b>Internal Dimensions (w x d x h)</b>	500 x 520 x 930mm
<b>External Dimensions (w x d x h)</b>	620 x 770 x 1680mm
<b>No. of Wire Shelves (standard/max.)</b>	3/25
<b>Net Weight (kg)</b>	135
<b>Electrical Requirements (230V)</b>	50Hz, 4.5A

Unit 3, Tower Business Park  
Warpsgrove Lane  
Chalgrove  
Oxfordshire  
OX44 7XZ

**Tel:** (+44) 01865 400321

**Email:** [enquiries@medlinescientific.com](mailto:enquiries@medlinescientific.com)

**Website:** [www.medlinescientific.com](http://www.medlinescientific.com)