

Jeio Tech Low Temperature Incubators - Forced Convection Models (IL3 Series)

Brand: Jeio Tech

Jeio Tech's Low Temperature Incubators - Forced Convection Models (IL3 Series) delivers superb low temperature incubation with its noiseless HBP compressor cooling system, which reduces water evaporation within the chambers.

Each low temperature incubator 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 chambers.
- 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:** maximum 242 litres.
- 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:

Model(s)	IL3-15	IL3-25
Product Code(s)	AAH220412K	AAH220512K
Chamber Volume (litres)	150	242
Refrigerator (Hp)	1/6 HBP	
Temperature Range (°C)	0 to 80	
Temperature Fluctuation at 37°C	± 0.1	
Temperature Variation at 37°C	± 0.8	± 1.0
Internal Dimensions (w x d x h)	600 x 500 x 500mm	500 x 520 x 930mm
External Dimensions (w x d x h)	720 x 760 x 1070mm	620 x 770 x 1680mm
No. of Wire Shelves (standard/max.)	2/11	3/25
Net Weight (kg)	100	135
Electrical Requirements (230V)	50Hz, 4.5A	50Hz, 6.4A

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