

Jeio Tech 162 Litre Air-Jacketed Low Temperature Incubator (IL-11A)

Product Code: 22062

Brand: Jeio Tech

The Jeio Tech 162 Litre Low Temperature Incubator (IL-11A) is specially designed for optimal temperature control. It also delivers minimal sample contamination caused by external air intrusion.

Its noiseless HBP compressor cooling system enables this low temperature incubator to deliver an excellent performance of low temperature incubation, reducing water evaporation within the chamber.

A touch-sensitive and splash-proof/easy-to-clean keypad on the incubator's digital LED display allows three temperature values to be recorded. Up to nine temperature steps can be programmed and repeated with a maximum of 200 cycles.

A built-in electrical outlet with a safety cover enables other equipment to be stored inside the chamber.

RS-232 interface and Lab Tracer software available.



Features:

Performance:

- Temperature range from 4°C to 60°C.
- Microprocessor PID control/auto-tuning/temperature calibration.
- Natural convection within the chamber induced by the heater and the fan located within the air jacket.
- Adjustable three-step fan speed with defrosting time/period control.

Convenience:

- Large chamber volume.
- Intuitive control panel with bright LED display (0.1 °C resolution).
- Dual delayed on/off timer modes (1 min. to 99 hr. 59 min.).
- Convenient preset function for 3 most commonly used temperature settings.
- Up to 9 temperature steps and maximum 200 cycles of repetition programmable for each profile.
- Built-in electrical outlet with a safety cover inside the chamber.
- Convenient sample monitoring without affecting the chamber's temperature via the inner tempered glass door.
- Rounded inner chamber corners for easy cleaning and optimal air flow.
- RS-232 interface for external control and data collection.

Safety:

- Automatic run after power interruption.
- Keypad lock function prevents accidental changes during operation.
- Over-temperature and over-current protection.
- Audible and visible open door alarms.

Specifications:

Chamber Volume (litres)	162	
Refrigerator (Hp)	1/6 HP	
Temperature Range (°C)	+4 to 60	
Temperature Fluctuation at 25°C	± 0.2	
Temperature Variation at 25°C	± 0.5	
Dimensions	Internal (w x d x h)	600 x 540 x 500mm
	External (w x d x h)	770 x 772 x 1060mm
	Net Weight (kg)	108
Electrical Requirements (230V)	50 Hz, 6.9A	

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