

Jeio Tech Low Temperature Incubators - Compact Models (ILP Series)

Brand: Jeio Tech

Jeio Tech's Low Temperature Incubators - Compact Models (ILP Series) are compact, lightweight, stackable, energy-efficient and offer exceptionally reliable low temperature incubation with the use of quiet peltier cooling technology, which prevents vibrations and a small generation of heat.

These low temperature incubators are ideal for growing microorganisms in life sciences, pharmaceuticals, clinical science, antibody testing, paraffin histochemical procedures, tissue culturing, crystallisation studies, and other applications in chemistry and biology.

RS-232 interface and Lab Tracer software available.

Features:

Performance:

- Temperature range from 10°C to 40°C. Contrary to conventional compressor-cooled incubators, peltier cooling technology generates little vibration, noise, and heat.
- Microprocessor PID control/temperature calibration/automatic tuning.
- Adjustable 3-step fan speed with defrosting time and period control.

Convenience:

- Space-saving design allows even the smaller (14 litre) unit to hold two 1000ml Erlenmeyer flasks.
- Intuitive control panel with bright LED display (0.1°C resolution).
- Dual wait 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.
- Convenient sample monitoring without affecting chamber temperature via inner tempered glass door.
- Corrosion-resistant incoloy sheath heating element and stainless steel interior.
- Environment-friendly insulation material (EPDM) used for safety and convenience (compliant with ASTM-C534 specification).
- 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:

Model(s)		ILP-02	ILP-12
Product Code(s)		24032	24042
Chamber Volume (litres)		14	48
Temperature	Range at 25°C	10 to 40	
	Fluctuation at 25°C	± 0.1	
	Variation at 25°C	± 0.5	
Dimensions	Internal (w x d x h)	315 x 200 x 230mm	334 x 334 x 430mm
	External (w x d x h)	430 x 495 x 400mm	430 x 665 x 620mm
	No. of Wire Shelves (standard/max.)	1/5	2/10
	Net Weight (kg)	27.5	49
Electrical Requirements (230V)		50 Hz, 1.8A	50 Hz, 3.5A

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