



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 (14L) 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 the 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.

Compact, stackable, energy-efficient, and yet exceptionally reliable low temperature incubators using peltier technology.



ILP-02

stackable unit

Standard accessories • Wire shelves (1ea for ILP-02, 2ea for ILP-12)

Optional accessories • Perforated shelves
see page 94

Model		ILP-02		ILP-12	
Chamber volume (L / cu ft)		14 / 0.5		48 / 1.7	
Temperature	Range at 25°C (°C / °F)	10 to 40 / 50 to 104			
	Fluctuation ¹⁾ at 25°C (±°C / °F)	0.1 / 0.18			
	Variation ¹⁾ at 25°C (±°C / °F)	0.5 / 0.9		0.4 / 0.72	
Dimension (WxDxH)	Interior (mm / inch)	315×200×230 / 12.4×7.9×9.1		334×334×430 / 13.1×13.1×17	
	Exterior (mm / inch)	430×495×400 / 17×19.4×15.7		430×665×620 / 17×26.2×24.4	
	No. of wire shelf (standard / max.)	1 / 5		2 / 10	
	Net weight (Kg / lbs)	27.5 / 60.6		49 / 108	
Electrical requirements (230V)		60Hz, 1.8A		50Hz, 1.8A	
Cat. No.		AAH24031K		AAH24032K	
Electrical requirements (120V)		60Hz, 3.4A		60Hz, 3.5A	
Cat. No.		AAH24033U		AAH24041K	
				50Hz, 3.5A	
				AAH24042K	
				60Hz, 6.7A	
				AAH24043U	

1) Technical data according to DIN 12880.

※ FDA establishment registered company. FDA listed products.