Low Temperature Incubator
Personal type

CE | LC Connected | Safety Patented | 1 Point Temperature Calibration | Program | Timer | Auto Run | 2 year Warranty

Low temperature personal incubator

Structural Functional Features

- Small incubator with compact design.
- Minimizes vibration and power consumption by using electronic cooling element. (peltier module)
- Structure that circulates internal air for temperature control.
- The inner glass door is completely enclosed with silicone packing, making it easy to observe the sample without changing the temperature.
- External door can be opened and closed smoothly with magnetic packing to minimize sample impact.
- Stainless steel interior and shelves are excellent in terms of corrosion resistance and clean maintenance.



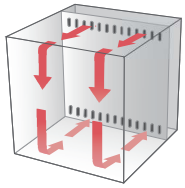
ILP-02 (stackable unit)
with Wire Shelf 1ea (standard)



ILP-12
with Wire Shelf 2ea (standard)

Use Convenience Features

- Accurately controlling temperature based on temperature calibration / auto-tuning / microprocessor PID.
- Save and use 3 frequently used temperatures.
- Wait On/Off timer. (up to 99 hours 59 minutes)
- Operation and data management with computer connection.
- Alarm function when temperature sensor is disconnected.
- Internal air circulation speed and defrost cycle control.
- Monitor via mobile app anytime, anywhere with LC Connected. (Requires LC GreenBox, option)



Outstanding Safety

- Top-rated overheating protection system. (registration KR 10-0397583)
- Over temperature limit function.
- Mal-operation prevented by controller lock function.

Convenient Program Control

- Various culture and incubating experiments with the 9 step program.
- Temperature/time settings for each step.
- Up to 99 hours and 59 minutes.
- Repeat operation up to 200 times.

Specification

Model		ILP-02	ILP-12
Chamber volume (L / cu ft)		14 / 0.5	48 / 1.7
Temperature	Range (°C / °F)	5 to 40 / +41 to 104 (at 20°C / 68°F) 10 to 40 / +50 to 104 (at 25°C / 77°F) 15 to 40 / +59 to 104 (at 30°C / 86°F)	5 to 40 / +41 to 104 (at 20°C / 68°F) 10 to 40 / +50 to 104 (at 25°C / 77°F) 15 to 40 / +59 to 104 (at 30°C / 86°F)
	Fluctuation at 25°C (±°C / °F)	0.1 / 0.18	0.1 / 0.18
	Variation at 25°C (±°C / °F)	0.5 / 0.9	0.4 / 0.72
	Heating time to 40°C (min.)	17	9
	Cooling time 40 to 5°C (min.)	60	60
	Recovery time at 25°C (min.)	1.5	1.5
Dimension	Interior (W x D x H, mm / inch)	315 x 200 x 230 / 12.4 x 7.9 x 9.1	334 x 334 x 430 / 13.1 x 13.1 x 17
	Exterior (W x D x H, mm / inch)	430 x 495 x 400 / 17 x 19.4 x 15.7	430 x 665 x 620 / 17 x 26.2 x 24.4
	Net weight (Kg / lbs)	27.5 / 60.6	49 / 108
Shelves	Quantity of shelves (standard / max.)	1 / 6	2 / 13
	Max. Load per shelf (Kg / lbs)	15 / 33.0	20 / 44.1
Electrical requirements (230V, 50/60Hz, A)		1.8	3.5
Cat. No.		**AAH24032K**	**AAH24042K**
Electrical requirements (120V, 60Hz, A)		3.4	6.7
Cat. No.		**AAH24033U**	**AAH24043U**

※ Technical data (according to DIN 12880 before 2013)

Accessories Page 107 Wire Shelves, Perforated Shelves, LC GreenBox