

# Incubators

## Low Temp. Incubators (Personal Models)

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

Contrary to conventional compressor-cooled incubators, Peltier Low Temperature Incubators generate little vibration, noise, and heat.

### Operating Features

- Temperature control: +10°C to 40°C at ambient temperature of 25°C.
- Microprocessor PID control.
- Simple calibration and auto-tuning functions.
- Digital timer with Delayed ON/OFF function: 1 min to 99 hr 59 min.
- High temperature limit setting and open door alarm.
- 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.
- Adjustable 3-step fan speed with defrosting time and period control.
- Intuitive control panel with bright LED display (0.1°C resolution) and touch-sensitive keypad.
- RS-232 interface.



### Constructional Features

- Convenient sample monitoring without affecting chamber temperature via the inner tempered-glass door.
- Environment-friendly insulation material (EPDM) used for safety and convenience. (compliant with ASTM-C534 specification)
- Space-saving design allowing even the smaller (14L) unit to hold two 1000mL Erlenmeyer flasks.

### ILP-02 stackable chambers

- Included Accessories**
- 1 Wire Shelf for ILP-02
  - 2 Wire Shelves for ILP-12
- Optional Accessories**
- Perforated Shelves

☞ see page 76

### Specifications & Ordering Information



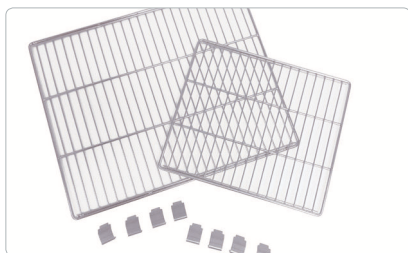
Model		ILP-02		ILP-12	
Chamber Volume (L / cu ft)		14 / 0.5		48 / 1.7	
Temperature	Range (°C / °F)	10 to 40°C (50~104°F) at ambient temperature of 25°C			
	Fluctuation <sup>1)</sup> at 25°C (±°C / °F)	0.1 / 0.18		0.4 / 0.72	
	Variation <sup>1)</sup> at 25°C (±°C / °F)	0.5 / 0.9		0.4 / 0.72	
Dimension (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	
	Net Weight (Kg / lbs)	27.5 / 60.6		49 / 108	
Electrical Requirements (230V)		60Hz, 1.8A	50Hz, 1.8A	60Hz, 3.5A	50Hz, 3.5A
Cat. No.		AAH24031K	AAH24032K	AAH24041K	AAH24042K
Electrical Requirements (120V)		60Hz, 3.4A		60Hz, 6.7A	
Cat. No.		AAH24033U		AAH24043U	

1) Technical data according to DIN 12880.

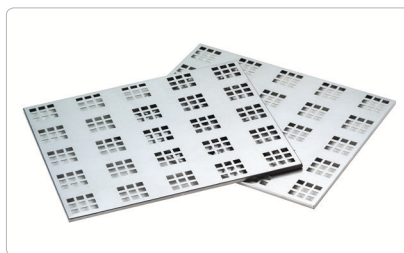
# Incubators

## Accessories & Options

### for Incubators



Wire Shelves



Perforated Shelves



Universal Platforms

### Wire Shelves

Stainless steel and electropolished shelves are readily removed without using tools for easy cleaning.

Cat. No.	Description			Suitable for
	Included	Maximum	WxL (mm / inch)	
EDA8136	2	8	366x316 / 14.4x12.4	IB-05G
EDA8135	2	12	446x366 / 17.6x14.4	IB-15G
EDA8137	2	12	576x419 / 22.7x16.5	IB-25G
EDA8136	2	11	366x316 / 14.4x12.4	IB-01E
EDA8220	2	14	466x490 / 17.6x19.3	IB-11E
EDA8219	2	15	566x466 / 22.3x17.6	IB-21E
EDA8136	4	16	366x316 / 14.4x12.4	IB-02G-2C
	8	32		IB-02G-4C
EDA8219	2	12	566x466 / 22.3x17.6	IL-11 / 11A
	4	24		IL-11-2C
	8	48		IL-11-4C
EDA8220	3	26	466x490 / 17.6x19.3	IL-21 / 21A
EDA8223	1	6	195x310 / 7.7x12.2	ILP-02
EDA8221	2	11	305x299 / 12x11.8	ILP-12
EDA8235	2	8	416x406 / 16.4x16.0	SIF-5000 / R
EDA8233	2	11	516x506 / 20.3x19.9	SIF-6000 / R
EDA8244	2	5	247x247 / 9.7x9.7	IM-10

### Perforated Shelves

Stainless steel shelves are readily removed without using tools for easy cleaning.

Cat. No.	Description		Suitable for
	Maximum	WxL (mm / inch)	
AAA12531	8	366x316 / 14.4x12.4	IB-05G
AAA12532	12	446x366 / 17.6x14.4	IB-15G
AAA12535	12	576x419 / 22.7x16.5	IB-25G
AAA12531	11	366x316 / 14.4x12.4	IB-01E
AAA22522	14	466x490 / 17.6x19.3	IB-11E
AAA22521	15	566x466 / 22.3x17.6	IB-21E
AAA12531	16	366x316 / 14.4x12.4	IB-02G-2C
	32		IB-02G-4C
AAA22521	12	566x466 / 22.3x17.6	IL-11 / 11A
	24		IL-11-2C
	48		IL-11-4C
AAA22522	26	466x490 / 17.6x19.3	IL-21 / 21A
AAA24501	6	195x310 / 7.7x12.2	ILP-02
AAA24502	11	305x299 / 12x11.8	ILP-12
AAA24511	5	247x247 / 9.7x9.7	IM-10

### Stacking Kits

Stackable up to 2 units using exclusive stacking kits for space saving. (for IB-G and IB-E Models only)

Cat. No.	Description	Suitable for
AAA21521	Stacking kits for stackable chambers	IB-05G
AAA21522	Stacking kits for stackable chambers	IB-15G
AAA21523	Stacking kits for stackable chambers	IB-25G
AAA26501	Stacking kits for stackable chambers	IB-01E
AAA26502	Stacking kits for stackable chambers	IB-11E
AAA26503	Stacking kits for stackable chambers	IB-21E