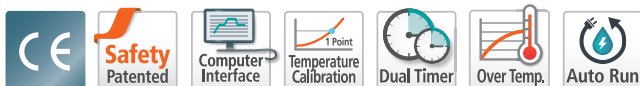


Incubators (General)



Versatile air-jacketed natural convection incubators.



IB-05G

Standard accessories

- Wire shelves (2ea)

Optional accessories

see page 94

- Perforated shelves
- Stacking kits for stackable chambers

Performance

- Temperature range from ambient +5°C to 70°C.
- Microprocessor PID control / Temperature calibration / Automatic tuning.
- Vibration-free design ideal for yeast cultivation.
 - Air-jacketed natural convection is beneficial for uniform temperature distribution and minimal sample contamination caused by external air intrusion.
- Durable incoloy heating element with radiator fans for efficient heat dissipation.

Convenience

- 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.
- Convenient sample monitoring without affecting chamber temperature via the inner tempered-glass door.
- Corrosion-resistant stainless steel interior with rounded corners for easy cleaning and optimal airflow.
- Fully insulated dual-wall door with magnetic rubber gasket.
- Built-in cable port to use other instruments inside the chamber. (diameter: 38mm, provided silicon or rubber cap)
- RS-232 interface for external control and data collection.
- Stackable up to 2 units using the optional stacking kit. (optional)

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.

Model		IB-05G	IB-15G	IB-25G
Chamber volume (L / cu ft)		60 / 2.1	102 / 3.6	151 / 5.3
Temperature	Range (°C / °F)	Amb. +5 to 70 / Amb. +9 to 158		
	Fluctuation ¹⁾ at 37°C (±°C / °F)	0.1 / 0.18	0.1 / 0.18	0.2 / 0.36
	Variation ¹⁾ at 37°C (±°C / °F)	0.6 / 1.08	0.2 / 0.36	0.6 / 1.08
Dimension (WxDxH)	Interior (mm / inch)	400×360×420 / 15.7×14.2×16.5	480×410×520 / 18.9×16.1×20.5	610×460×540 / 24×18×21.3
	Exterior (mm / inch)	595×555×745 / 23×22×29	675×605×855 / 27×24×34	805×655×885 / 32×26×35
	No. of wire shelf (standard / max.)	2 / 7	2 / 11	2 / 11
	Net weight (Kg / lbs)	45 / 99	55 / 121	62 / 136
Electrical requirements (230V, 50 / 60Hz)		1.3A	2.2A	3.1A
Cat. No.		AAH21162K	AAH21172K	AAH21182K
Electrical requirements (120V, 60Hz)		2.8A	4.6A	6.4A
Cat. No.		AAH21166U	AAH21176U	AAH21186U

1) Technical data according to DIN 12880.

* FDA establishment registered company. FDA listed products.