

# Incubator (Air-jacket)

## General type



## Versatile air-jacketed natural convection incubators

### Structural Functional Features

- Microprocessor PID control / Temperature calibration / Automatic tuning.
- Temperature range from ambient +5°C to 70°C.
- 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.

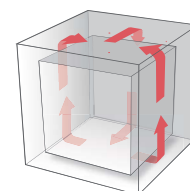
### Use Convenience Features

- Vibration-free design ideal for yeast cultivation.
- Corrosion-resistant stainless steel interior with rounded corners for easy cleaning and optimal airflow.
- 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.
- Built-in cable port to use other instruments inside the chamber. (diameter: 38mm, provided silicon or rubber cap)
- Monitor via mobile app anytime, anywhere with LC Connected. (mobile monitoring system) (when purchased LC GreenBox)



### IB-05G

with Wire Shelves 2ea (standard)



### Outstanding Safety

- Top-rated overheating protection system. (registration 10-0397583)
- Safety circuit design to protect against overcurrent and overheating.
- Over temperature limit function.
- Mal-operation prevented by controller lock function.
- Error display and alarm when an abnormality occurs during operation.

## Specification

Model		IB-05G	IB-15G	IB-25G
<b>Chamber volume (L / cu ft)</b>		60 / 2.1	102 / 3.6	151 / 5.3
<b>Temperature</b>	Range (°C / °F)	Amb. +5 to 70 / Amb. +9 to 158	Amb. +5 to 70 / Amb. +9 to 158	Amb. +5 to 70 / Amb. +9 to 158
	Fluctuation at 37°C (±°C / °F)	0.1 / 0.18	0.1 / 0.18	0.2 / 0.36
	Variation at 37°C (±°C / °F)	0.6 / 1.08	0.2 / 0.36	0.6 / 1.08
	Heating time to 37°C (min.)	41	22	6
	Recovery time at 37°C (min.)	1	2	1
<b>Dimension</b>	Interior (W x D x H, mm / inch)	400 x 360 x 420 / 15.7 x 14.2 x 16.5	480 x 410 x 520 / 18.9 x 16.1 x 20.5	610 x 460 x 540 / 24 x 18 x 21.3
	Exterior (W x D x H, mm / inch)	595 x 555 x 745 / 23 x 22 x 29	675 x 605 x 855 / 27 x 24 x 34	805 x 655 x 885 / 32 x 26 x 35
	Net weight (kg / lbs)	45 / 99	55 / 121	62 / 136
<b>Shelves</b>	Quantity of shelves (standard / max.)	2 / 4	2 / 6	2 / 7
	Max. Load per shelf (kg / lbs)	30 / 66	30 / 66	30 / 66
<b>Electrical requirements (230V, 50 / 60Hz, A)</b>		1.3	2.2	3.1
<b>Cat. No.</b>		<b>AAH21162K</b>	<b>AAH21172K</b>	<b>AAH21182K</b>
<b>Electrical requirements (120V, 60Hz, A)</b>		2.8	4.6	6.4
<b>Cat. No.</b>		<b>AAH21166U</b>	<b>AAH21176U</b>	<b>AAH21186U</b>

※ Technical data (according to DIN 12880 before 2013)

**Accessories** Page 93 Wire Shelves, Perforated Shelves, Double-stacked Bracket