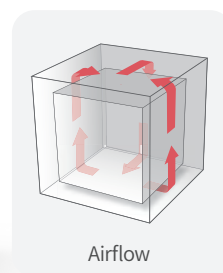


Incubator (Air-jacket) Advanced type



IB4-15AV

Intuitive Large Touch Controller

- Intuitive interface with 5-inch display
- Events and alerts in a single view with real-time graph
- Three frequent temperatures automatically suggested
- 'Wait on / Wait off' timer function



Large intuitive display



Graphs for real-time process monitoring

Unique Structural Functions

- Using Water tray delays media drying, making incubation time longer (option)
- Double stackable with stacking set (option) maximizes space utilization



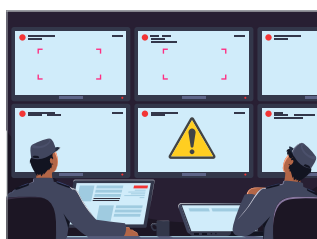
Water tray that minimizes media drying (option)



Increased space utilization by double stacking (stacking set : option)
*Double stacking example: (top) forced convection oven (bottom) forced convection incubator

Supervise Equipment with Real-time Monitoring

- Monitor the temperature on BMS (Building Management System) for quick responses to abnormalities. (option)
- Monitor via mobile app anytime, anywhere with LC Connected. (Requires LC GreenBox, option)



Timely responses via BMS-connected monitoring (BMS port: option)



Real-time monitoring via mobile devices (LC GreenBox: option)

Convenient Experiment and Data Checking

- Support RS-232/USB port and software making easy operation and data management from PC
- Test data are automatically stored and easily exported via USB; easy to edit data (in CSV format)
- Logs 36 recent events, including errors, opened door, etc
- Integrated with 21 CFR Part 11 compliant LC DataKeeper, suitable for GMP audits (option)



Data storage using USB ports



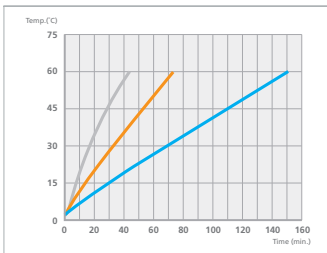
Store recent 36 events

Reliable Temperature Control Performance

- Temperature accuracy for wide range by 3-point calibration
- Ramp Control™, function that controls the rate of temperature rise by setting ramping rate(°C/min) per experiment
- Uniform temperature distribution through airflow optimized for uniform heat transfer (within $\pm 0.55^{\circ}\text{C}$ at 37°C)



Accurate temperature control with 3-point calibration



Ramp Control™ per experiment condition

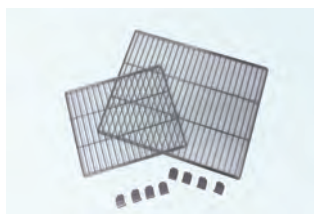
Specification

Model		IB4-03AV	IB4-05AV	IB4-10AV	IB4-15AV
Chamber volume (L / cu ft)		25 / 0.88	60 / 2.19	114 / 4.03	150 / 5.3
Temperature	Range (°C / °F)	Amb.+5 ~ 80°C / Amb.+9 ~ 176°F			
	Fluctuation at 37°C (°C / °F)	$\pm 0.1 / \pm 0.18$	$\pm 0.1 / \pm 0.18$	$\pm 0.15 / \pm 0.27$	$\pm 0.1 / \pm 0.18$
	Variation at 37°C (°C / °F)	$\pm 0.31 / \pm 0.56$	$\pm 0.48 / \pm 0.86$	$\pm 0.46 / \pm 0.83$	$\pm 0.55 / \pm 0.99$
	Heating time to 37°C (min.)	44	40	46	49
	Recovery time at 37°C (min.)	5	9	9	9
Control panel		5 inch TFT Color LCD			
Communication interface		USB-B, RS-232			
Function	Recently event record	36 ea			
	Recommended temperature	Suggest three frequently used temperature			
	Graph	Available viewing stored and real-time graphs			
	Data storage	Save your experiment data (in CSV format)			
	Temp. ramping rate (°C/min. °F/min)	0 ~ 2 0 ~ 3.6			
Dimensions	Interior (W x D x H, mm / inch)	300 x 210 x 400 / 11.81 x 8.27 x 15.75	380 x 330 x 480 / 14.96 x 12.99 x 18.9	485 x 350 x 655 / 19.1 x 13.78 x 25.79	550 x 376 x 710 / 21.62 x 14.8 x 27.95
	Exterior (W x D x H, mm / inch)	478 x 527 x 604 / 18.8 x 20.75 x 23.78	558 x 648 x 684 / 21.97 x 25.5 x 26.93	663 x 677 x 859 / 26.1 x 26.65 x 33.82	728 x 704 x 914 / 28.66 x 27.7 x 36.0
	Net weight (kg / lbs)	31 / 68.34	40 / 88.18	55 / 121.25	60 / 132.28
Shelves	Quantity of shelves (standard/max.)	2 / 4	2 / 5	2 / 8	2 / 9
	Max. Load per shelf (kg / lbs)	20 / 44.09			
Electrical requirements (230V, 50/60Hz, A)		2.5	3.5	3.5	3.5
Cat. No.		AAH21755K	AAH21765K	AAH21775K	AAH21785K
Electrical requirements (120V, 60Hz, A)		4.8	6.7	6.7	6.7
Cat. No.		AAH21753U	AAH21763U	AAH21773U	AAH21783U

※ Technical data according to DIN 12880

Accessories Page 107 Wire Shelf, Perforated Shelf, Stacking set, BMS Port, LC GreenBox, LC DataKeeper

Accessories for Incubator



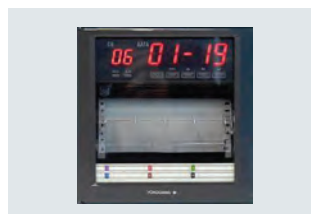
Wire Shelf

- (2 shelves included as standard)
- Stainless Steel
- Uniform temperature distribution based on high air permeability



Perforated Shelf

- Stainless Steel
- Robust structure is ideal for heavy load samples



Recorder (Dot)

- 6-channel graph-type temperature recorder.
- Adjustable recording range, speed, etc.

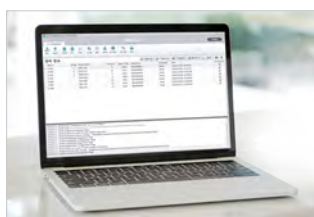


CO₂ Control System

- CO₂ control system for optimal photosynthetic conditions (Sensor, PCB, Valve, etc)

Model	Wire Shelves		Perforated Shelves		Recorder	CO ₂ Control System
	Cat. No.	Quantity of shelves (standard/max.)	Cat. No.	Quantity of shelves (max.)	Cat. No.	Cat. No.
IB4-03	00FDA0009739	2 / 4	AAA125341	4	-	-
IB4-05	00FDA0009738	2 / 5	AAA125342	5	-	-
IB4-10	00FDA0009737	2 / 8	AAA125343	8	-	-
IB4-15	00FDA0009736	2 / 9	AAA125344	9	-	-
IM-10	00EDA0008244	2 / 4	AAA24511	4	-	-
IB-02G-2C/4C ¹⁾	00EDA0008136	2 / 4	AAA12531	4	-	-
ILP-02	00EDA0008223	1 / 6	AAA24501	6	-	-
ILP-12	00EDA0008221	2 / 13	AAA24502	13	-	-
IL3-15/15A	00EDA0008219	2 / 6	AAA22521	6	-	-
IL3-25/25A	00EDA0008220	3 / 13	AAA22522	13	-	-
IL-11-2C/4C ¹⁾	00EDA0008219	2 / 12	AAA12532	12	-	-
GC-300TL	00EDA0008220	3 / 14	AAA22522	14	AAAA1501	AAAA1521
GC-300TLH	00EDA0008220	3 / 14	AAA22522	14	AAAA1501	AAAA1521
GC-1000TLH	00EDA0008222	6 / 29	AAAA1512	29	AAAA1502	AAAA1521

1) Standard for each chamber



LC DataKeeper

- High-integrity software compliant with FDA 21 CFR Part 11
- Integrated with Jeio Tech equipment to undergo GMP audits



LC GreenBox

- Real-time monitoring and control via mobile app
- Connect up to 4 devices to one
- Communication port connectivity via a RS-232 port



BMS Port

- Real-time equipment monitoring from a central monitoring facility
- Useful for safety management at laboratories that operate multiple devices



Stacking Set (-05 / -15 models only)

- Double stackable
- Firm stacking allows efficient utilization of space
(※ When double stacking, the minimum control temperature of the upper chamber may be limited due to the heat generated by the lower chamber)

Model	IB4-03	IB4-05	IB4-10	IB4-15
LC DataKeeper-Basic ¹⁾	SSA11001			
LC DataKeeper-Pro ¹⁾	SSA11002			
LC GreenBox	AAHQ1011K			
BMS Port	AAA125534			
Stacking Set	-	AAA125547	-	AAA125549
Water Tray	AAA125443	AAA125444	AAA125445	AAA124554
Communication Port ²⁾	AAA125533			

1) Trial version is available for 30 days, offering the same features as the Basic version, and can be requested through the website.

2) Communication port is provided as a standard in advanced (-V) model and is an optional add-on for the basic (-S) model for connecting LC DataKeeper, LC GreenBox, BMS, and PC.