

Incubator (Forced Convection) Multi type



Independent control and effective space utilization per chamber

Structural Functional Features

- 2 / 4 chambers can be controlled independently.
- Easy to use with maximally space-efficient structure.
- Structure that circulates internal air for temperature control.
- Easy to open and close the door. Soft handle minimizes shock to the sample.
- Stainless steel interior and shelves are excellent in terms of corrosion resistance and clean maintenance.
- Easy to clean as inner edges are curved.
- Useful cable port and cover on the side.
- Equipped with easy-to-move/install caster.



Use Convenience Features

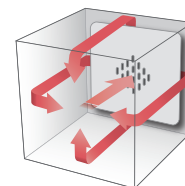
- Accurate temperature control through temperature calibration and microprocessor PID.
- Save and use 3 frequently used temperatures.
- Wait On/Off timer. (up to 99 hours 59 minutes)
- Mal-operation prevented by controller lock function.
- Over temperature limit function.
- Alarm function when temperature sensor is disconnected.
- Provides notification/alarms when the door is open for an extended period of time.

IB-02G-2C

with Wire Shelves
2ea per chamber (standard)

IB-02G-4C

with Wire Shelves
2ea per chamber (standard)



※ When the chamber is operating with forced convection type, the amount of moisture evaporation of the medium is relatively high.

Specification

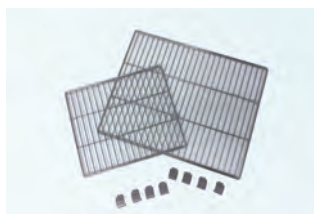
Model		IB-02G-2C	IB-02G-4C
Chamber volume (L / cu ft)		120 / 4.2 (60 / 2.1 x 2 chambers)	240 / 8.5 (60 / 2.1 x 4 chambers)
Temperature	Range (°C / °F)	Amb. +5 to 70 / Amb. +9 to 158	Amb. +5 to 70 / Amb. +9 to 158
	Fluctuation at 37°C (±°C / °F)	0.1 / 0.18	0.1 / 0.18
	Variation at 37°C (±°C / °F)	0.6 / 1.08	0.6 / 1.08
	Heating time to 37°C (min.)	16	16
	Recovery time at 37°C (min.)	3	3
Dimension	Interior (W x D x H, mm / inch)	400 x 360 x 420 / 15.7 x 14.2 x 16.5 (each chamber)	400 x 360 x 420 / 15.7 x 14.2 x 16.5 (each chamber)
	Exterior (W x D x H, mm / inch)	570 x 640 x 1360 / 22.4 x 25.2 x 53.5	1170 x 640 x 1360 / 46.1 x 25.2 x 53.5
	Net weight (Kg / lbs)	110 / 242.5	168 / 370.4
Shelves	Quantity of shelves (standard/max.)	2 / 4 (each chamber)	2 / 4 (each chamber)
	Max. Load per shelf (Kg / lbs)	30 / 66	30 / 66
Electrical requirements (230V, 50/60Hz, A)		4.1	4.1 x 2ea
Cat. No		AAH2A115K	AAH2A015K
Electrical requirements (120V, 60Hz, A)		7.5	7.5 x 2ea
Cat. No		AAH2A116U	AAH2A016U

※ The lowest controllable temperature depends on variations in room and sample temperatures. Please contact technical support for consultation before purchasing.

※ Technical data (according to DIN 12880 before 2013)

Accessories Page 107 Wire Shelves, Perforated Shelves

Accessories for Incubator



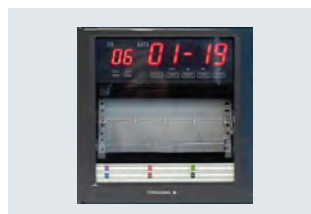
Wire Shelf

- (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.

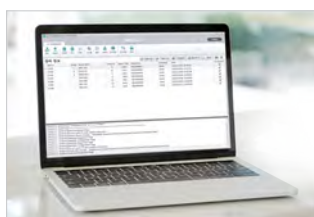


CO₂ Control System

- 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.