

**DAIHAN® Air-jacketed CO<sub>2</sub> Incubator "ICA", 101 · 150 Lit, 0~20% CO<sub>2</sub>, Up to 50°C, ±0.1°C** NEW  
 With Precision CO<sub>2</sub> Sensor, UV Lamp 254nm, Microprocessor PID Control, Fan Forced-Convection, 2 Shelf Included, CO<sub>2</sub> 인큐베이터

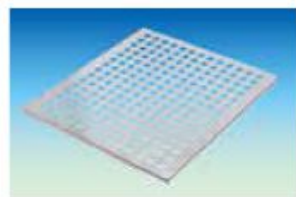


**2-Year Warranty**

**Air-jacketed CO<sub>2</sub> Incubator "ICA"**



**Tempered Safety Inner Glass Door & Enhanced Door Packing**



(1) Perforated STS Shelf (Included)

(2) UV Lamp



(3) Regulator, Single-stage

- **2-Year Warranty**
- **Precise CO<sub>2</sub> Sensor in Stable & Durable Housing, CO<sub>2</sub> Range 0~20%**
  - Dual Wavelength Detection, NDIR(Non Dispersive Infra-red) Sensor
  - Automatic Temperature Compensation and Auto Zero Calibration.
- \* Ideal for Medicine, Biochemistry and Agricultural Science Research, Industrial Production Departments of Biological Cells, Tissues, Bacterial Culture, etc.
- \* All Seamless Stainless-steel Interior for Corrosion Resistance and Decontamination
- \* Tempered Safety Inner Glass Door for easy Sample View without Door Opening
- \* Enhanced Door Packing to Keep Excellent Temp. & CO<sub>2</sub> Uniformity
- \* Air Filtration System(0.3<sub>µm</sub> HEPA Filter) Minimizes Contamination, Efficiency up to 99.97%.
- \* Microprocessor PID Control : Temp(~50°C), Timer, Alarm, Auto-tuning
- \* High-Quality LCD Display with Back-Light Function
- \* 10 Steps Programmable : Temperature Control and 999 Cycle 10 Steps.
- \* Detachable Shelf Frame : Adjustable Shelf
- \* Including Water Container, and 2 Stainless-steel Perforated Shelf
- \* Temp. & CO<sub>2</sub> Recovery Time : 10min (Door Open 30sec)
- \* Operating Temperature 18~32°C

**Specifications & Ordering information**

Spec.	Model	"ICA-100"	"ICA-150"
		Max. Capa. 101Lit	Max. Capa. 150Lit
Capacity		101 Lit	150 Lit
Heating Mechanism		Air-jacket	
CO <sub>2</sub> Sensor		Digital Signal Processing NDIR Sensor	
Temp Range & Accuracy		Room Temp + 5°C ~ 50°C, Accuracy ± 0.1°C at 20 ~ 25°C	
CO <sub>2</sub> Range & Accuracy		0 ~ 20% CO <sub>2</sub> Concentration, Accuracy ± 0.1% at 5%	
Heat up Time (to 37°C)		30 min to 37°C	
CO <sub>2</sub> Concentration Time (to 37°C)		25 min to 5%	
Heating Power		300 W	570 W
CO <sub>2</sub> Outlet		1 kg/cm <sup>3</sup>	
UV Lamp		254 nm × 1ea	
Controller		Programmable Microprocessor Digital PID Controller with LCD Back Light	
Shelf (Included)		2 Stainless-steel Perforated Shelf	
Circulation		Circulation Fan with HEPA Filter(0.3 <sub>µm</sub> )	
Safety		Temp & CO <sub>2</sub> Alarm, Over Temp Protector, Sensor Error Display, Leakage Breaker	
Material		Interior : Stainless-steel Polished, Exterior : Stainless-steel Hair Lined	
Door		Interior : Tempered Safety Glass Door, Exterior : Magnetic Packing Door	
Dimension (w×d×h) & Weight	Interior	450×450×h500 mm	495×515×h600 mm
	Exterior	600×600×h600 mm, 65 kg	660×645×h1010 mm, 77 kg
	Packing	760×800×h1120 mm, 80 kg	730×810×h1130 mm, 92 kg
Power Consumption		340 W	610 W
Electric Reqts.		110V, 60Hz or 220V, 50/60Hz, 1 Phase	
Cat. No.	220V	DH.Inc8001	DH.Inc8002
	110V	DH.Inc8011	DH.Inc8012

• Other Specifications are available upon Customer's Request.

**Spare Accessory**

- DH.IncA1001 (1) Perforated Shelf, STS, for "ICA-100", w440×d400 mm
- DH.IncA1002 , for "ICA-150", w485×d445 mm
- DH.IncA1005 (2) UV Lamp 254 nm, φ30×205 mm, for "ICA"

**Optional Accessory**

- H11.801.10MC (3) Regulator, Single-stage, 30psi, CO<sub>2</sub>

**Air-jacketed CO<sub>2</sub> Incubator with Validation (IQ, OQ) Service**

- DH.IncA5001 Validation Service(IQ, OQ), with "ICA-100"
- DH.IncA5002 , with "ICA-150"