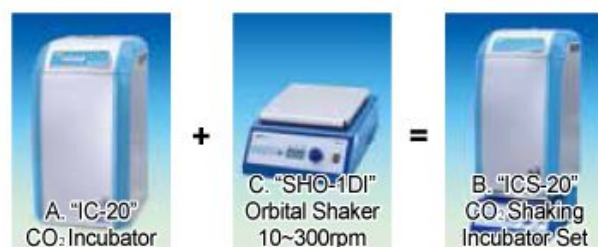


**DAIHAN® 4~45°C & 0~10% CO<sub>2</sub> 20Lit Mini CO<sub>2</sub> Incubator & CO<sub>2</sub> Shaking Incubator "ThermoStable™ IC-20 & ICS-20"**  
 Programmable PID Controlled 0.1°C & 0.1%, Compact Design for Saving Space/Money, Ideal for Cell/Tissue Culture **NEW**  
 With Cooling/Heating system of Peltier Element/Auto-Tuning/Safety Device, 저온 미니 CO<sub>2</sub> 배양기 & CO<sub>2</sub> 진탕 배양기



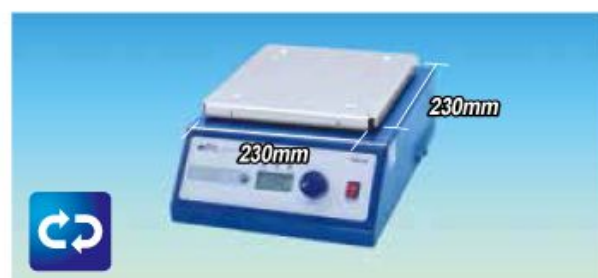
**A. 20Lit Mini CO<sub>2</sub> Incubator "ThermoStable™ IC-20"**  
 Optional CO<sub>2</sub> Gas Cylinder & Regulator



Figure; Assembly CO<sub>2</sub> Shaking Incubator  
 You can easily connect the Incubator & Shaker



**B. "ICS-20" CO<sub>2</sub> Shaking Incubator Set**



**C. "SHO-1DI" Separable Orbital Shaker**  
 ; It can be Used Individually and Be Accepted

**A. Standard CO<sub>2</sub> Incubator "ThermoStable™ IC-20"**

Optional CO<sub>2</sub> Regulator & CO<sub>2</sub> Aluminum Cylinder

**B. Assembly CO<sub>2</sub> Shaking Incubator Package Set "ThermoStable™ ICS-20"**  
 = Standard CO<sub>2</sub> Incubator "IC-20" + Orbital Shaker "SHO-1DI"

**C. Multiuse Digital Orbital Motion Shaker "SHO-1DI" : Can Be Used Individually.**  
 "SHO-1DI" is same with existing Orbital Shaker "SHO-1D" except Platform, and can be Accepted  
 Optional Various Platforms ; See the Shaker Section

- **PL(Product Liability) Insurance** ■ **2-Year Warranty**
- **Applications : Cell/Tissue Culture & Transfer, Embryo/Microorganism Culture**
- **NDIR CO<sub>2</sub> Sensor : Dual Wavelength Type**  
 Rapid Initial Response Time, not Affected by User Environment
- **ABS-Resin Chamber & Housing : Light-weight/Compact Design**  
 Good for Money & Space Saving and Personal Use.

\* Cooling/Heating System of PELTIER ELEMENT :

- Cooling and Heating by using Thermoelectric Semiconductor Element
- Minimizes Noise(<20dB) and Power Consumption

\* Auto-Tuning : Rapid Response and High Stability According to the Thermal Properties and the Rate of Thermal Response of the Object

\* Safety Device : Over Temperature & Over Current Protection, Sensor Error Detection

\* 4-Connection Device to Join a Shaker "SHO-1DI" in the Bottom outside of the CO<sub>2</sub> Incubator "IC-20"

**Specifications & Ordering Information**

Spec.	Model	A. CO <sub>2</sub> Standard Incubator "ThermoStable™ IC-20"	B. CO <sub>2</sub> Shaking Incubator Set "ThermoStable™ ICS-20"
Capacity (Lit)		20Lit Working Chamber	
Temp. Range		4 ~ 45°C, 0.1°C; Digital PID Control	
Accuracy		± 0.2°C (No Load)	
Uniformity		± 0.2°C (at 37°C)	
CO <sub>2</sub> Range & Control		0 ~ 10%, 0.1% ; NDIR CO <sub>2</sub> Sensor	
Cooling/Heating		Peltier Element Module	
Air Flow-type		Gravity Flow Circulation	
1 Shelf and 3 Location Brackets		1 Perforated ABS Shelf(w210×d230×Thick 8mm) included Adjustable Shelf Location Height of 3-Stage	
Condensate Drain		Natural Evaporation	
Incubator Material		"ABS-Resin" Chamber & Housing, Except Shaking Base	
Incubator Interior		w213×d265×h360mm Chamber Only	
Dimension Exterior		w280×d330×h510mm	w280×d330×h670mm; Including Shaking Base
<b>C. SHAKING-Base ; Connecting the Multiuse Shaking "SHO-1DI"</b>			
- Motion & Speed			- Orbital, 10 ~ 300rpm, 8mm Stroke
- Controller & Display			- Programmable Digital Feedback, LCD
- Timer & Alarm			- 99hr 59min with ∞ Run, Error Status & Time End
- Motor & Max-Load			- Brushless DC Motor, Max-Load 10kg
- Safety Circuit			- Overload Protector of Motor
- Material			- Powder Coated Steel Body
- Size & Weight			- w260×d330×h140mm, 14kg
Net Weight (kg)		10kg	10kg+14kg Shaking Base ("SHO-1DI") = 24kg
Power Consumption		56W	56W+40W (Shaking)
Electric Reqs.		Free Voltage; 1Phase, AC90-240V, 50/60Hz	
Cat. No.	230V	DH.IncC020	DH.IncCS020
	120V	DH.IncC020.1	DH.IncCS020.1

**C. SHAKING-Base ; Orbital Shaker**

DH.SHO01DI Shaker "SHO-1DI", 230V  
 DH.SHO01DI.1 , 120V

※ Note! Details of Optional Various Platforms : See The "Shaker" Section

**Optional CO<sub>2</sub> Gas Cylinder & Regulator**

DH.Cyl7003 (1) CO<sub>2</sub> Gas Cylinder, φ 135×h440mm, 10kg  
 H11.825.10MC (2) Regulator, Single-Stage, 0.6Mpa, CO<sub>2</sub>

**Spare Shelf**

DH.Inc0003 Perforated Shelf, ABS, 210×230mm