

**DAIHAN<sup>®</sup> SMART Precise Temp/Humidity Chamber "ThermoStable™ STH", 155 · 305 · 420 · 800 Lit**  
 With Smart-Lab™, Auto Supplement Water Tank, Touch-Screen LCD, CFC-Free, -20°C to 100°C, up to 98% RH, 스마트 항온항습기



SMART Precise Temp. / Humidity Chamber  
 "ThermoStable™ STH-155"

- CFC Free Refrigerant (R-404A)
- PL(Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Smart-Lab™ Controller : Remote Controlled by Smart-Phone with WiRe™ App Service.
  - Ergonomic 7" Full Touch Screen TFT LCD
  - Self-Diagnostic Function
  - Push Alarm Service to Smart Phone : Power-/Temperature-/Door Open-Error Status
  - Built in USB port for Data Download and Program Upgrade
  - Password Protected Setting
  - Digital Calibration(Offset Function)
  - Program Function : Multiple Programs(Patterns by multiple Segments) Supported
  - Internet Connectivity with WiFi
  - Automatic Data Recording
  - Interactive Temperature Graph
  - Min-/Max-Temperature Memory
- \* Precise Temperature Control (-20°C to 100°C) and Humidity (30% to 98% Relative Humidity)
- \* Electronic Humidity Sensor has Excellent Response Time and Durability.
- \* Easy and Safety Door Lock
- \* Low Water Level Alarm System
- \* The Powerful and Silent Dual Fan Motor Assures Temperature Uniformity by Strong Air Circulation (2 ~ 4pcs)
- \* Large Clear Viewing Window with Membrane Heating Element (Moisture-Proof)
- \* Sliding Water Supply Tank : Auto Water Supplementing System

**Specifications & Ordering information**

※ 운임 약 ₩ 95,000 별도!

Spec.	Model	STH-155	STH-305	STH-420	STH-800
		Max. Capa. 155L	Max. Capa. 305L	Max. Capa. 420L	Max. Capa. 800L
<b>Temp. Range &amp; Humidity</b>		-20°C to 100°C, 30% to 98% RH			
<b>Compressor</b>		7/8HP	1.5HP	1.5HP	3HP
<b>Power Consumption</b>		4.7 kW	5.7 kW	6.3 kW	9 kW
<b>Heater</b>	<b>for Temp.</b>	1.5 kW	2.0 kW	2.2 kW	2.5 kW
	<b>for Humi.</b>	2.0 kW	3.0 kW	3.0 kW	3.0 kW
<b>Temp. Accuracy</b>		±0.3°C			
<b>Humidity Accuracy</b>		±0.3% RH			
<b>Heat-up Time</b>		35 min (-20°C to 80°C)			
<b>Cool-down Time</b>		45 min (+20°C to -20°C)			
<b>Sensor</b>		PT100 & Capacitive Sensor			
<b>Material</b>	<b>Internal</b>	Stainless-steel (# 304)			
	<b>External</b>	Powder Coated steel			
<b>Shelf (Included)</b>		3 Perforated Stainless-steel Shelf, Adjustable Position			
<b>Safety Device</b>		Over Temp. and Over Current Protector, Sensor Error and Low Level Detector, Leakage Breaker			
<b>Dimension (w×d×h)</b>	<b>Interior (mm)</b>	505×505×610	620×620×800	700×700×820	1,000×800×1,000
	<b>Exterior (mm)</b>	1,100×960×1,550	1,310×1,080×1,765	1,390×1,135×1,690	1,570×1,245×2,060
<b>Packing Dimension (w×d×h) (cm)</b>		134×116×175	152×125×207	160×130×202	178×141×237
<b>Gross Weight</b>		353 kg	369 kg	478 kg	678 kg
<b>Electric Reqt.s.</b>		1 Phase AC 120V, 60Hz or AC 230V, 50/60Hz or 3 Phase			

Cat. No.	230V	DH.STH01155	DH.STH01305	DH.STH01420	DH.STH01800
	120V	DH.STH05155	DH.STH05305	DH.STH05420	DH.STH05800
	3Phase	DH.STH07155	DH.STH07305	DH.STH07420	DH.STH07800

Validation (IQ, OQ)	Cat. No.	DH.STH31155	DH.STH31305	DH.STH31420	DH.STH31800
	Model No.	STHV1155	STHV1305	STHV1420	STHV1800

• Other Specifications are available upon Customer's Request.

**Spare Perforated Stainless-steel Shelf**

- DH.WTH11155 (1) Perforated Shelf, "THS1155", for 155 Lit, 468.5×465mm
- DH.WTH11305 "THS1305", for 305 Lit, 588.5×585mm
- DH.WTH11420 "THS1510", for 420 Lit, 668.5×675mm
- DH.WTH11800 "THS1800", for 800 Lit, 968.5×770mm

**Optional Temp & Humidity Recorder and Chart Paper**

- DH.WTH05100 (2) Temperature & Humidity Recorder, "WTH5100"
- DH.WTH05105 Chart Paper, "WTH5105", 33 Days

» DAIHAN WiRe™ App Service



It is possible to monitor and control the Smart-Lab™ equipment through all smart phone, tablet without restraint of time and place.

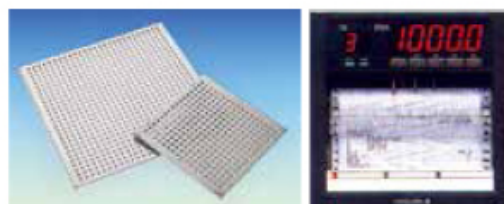
7" Full Touch Screen TFT LCD  
 (Smart-Lab™ Controller)



**Controlled by Smart-Phone**



Auto Water Supplementing System



(1) Perforated Stainless-steel Shelf (Included)

Optional ;  
 (2) Temp. & Humidity Recorder 6 Channel 2 Pens (WTH5100)