

DAIHAN® Precise Shaking Incubator "ThermoStable™ IS-10", Top Door-type, Orbital Motion, up to 60°C, ±0.2°C
 With Universal Platform, Fuzzy Control, with or without illuminators & Recorder, 30~250 rpm, with Certi. & Traceability
 진탕 배양기/인큐베이터, 탑 도어 타입, 고정밀 디지털 퍼지 제어, Universal Platform 포함



A. Room Temp. +5°C~60°C, With Universal Platform
 "ThermoStable™ IS-10"

- CE Certified ■ PL (Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Useful for Biological Cultures under various Temperature
- Patented Jog-Shuttle Control System

- * Precise Temperature Control by Digital Fuzzy Controller, up to 60°C
- * Digital LCD with Back-Light Function * Minimum Noise and No Vibration
- * Advanced Shaking Mechanism Provides Quiet Shaking and Precise Speed Control
- * Automatic Stop of Shaking, Heating and Refrigeration when a Door opens
- * Intelligent Control of Refrigerator for preventing Overload of Compressor (IS-10R/IS10RL)
- * RS232C Interface for Monitoring and Controlling with PC

Specifications & Ordering information

Spec.	Model	A. IS-10	B. IS-10R with Refrigerator	C. IS-10RL Illumination
Temp. Range		R/T +5°C ~ 60°C	10°C ~ 60°C	
Temp. Accuracy & Uniformity		Accuracy : ±0.2°C at 37°C, Uniformity : ±0.5°C at 37°C		
Capacity		229Lit		
Temp. Sensor		PT100 Sensor		
Heater		800 W	1 kW	1.2 kW
Compressor		None	1/3HP	
Refrigerant		CFC-Free (404A) Refrigeration System		
Shaking Speed & Stroke		30 ~ 250 rpm, 25mm Orbital Motion		
Timer & Alarm		99hr 59min (with Continuous run.), Error status & Timer-end		
Controller		Digital Fuzzy Controller with Jog-Shuttle Switch (Turn+Push)		
Illumination System		None	FPL 55W×4ea	
Room Lamp		Krypton Lamp, 60W		None
Platform(Included)		Universal Platform for Various Shapes & Sizes of Flasks		
Safety Circuit		Over Temp./ Current Protector, Leakage Breaker, Sensor Error Detector		
Material		Internal : Stainless-steel (# 304), External : Powder Coated steel		
Dimension		Internal : 750×720×h400mm, External : 1,065×900×h980mm		
Packing Size (w×d×h) (mm)		1,220×1,060×h1,200mm		
& Gross Weight		231 kg	238 kg	238 kg
Power Consumption		800 W	1.8 kW	2.1 kW
Electrical Reqt.s.		1 Phase, AC 120 V, 60 Hz or AC 230 V, 50 / 60 Hz		



Connection of Temperature Devices with Interface RS232C to a PC Export Recorded Data (Excel Spreadsheet)

WiseRemote Control Software :
 Download from DAIHAN-Sci.com

Cat. No.	60Hz	230V	DH.WIS00210	DH.WIS04210	DH.WIS05210
		120V	DH.WIS00110	DH.WIS04110	DH.WIS05110
	50Hz	230V	DH.WIS00510	DH.WIS04510	DH.WIS05510
		120V	DH.WIS00410	DH.WIS04410	DH.WIS05410

* Other Specifications are available upon Customer's Request.

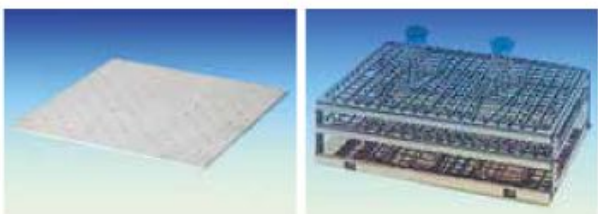
※ 운임 약 ₩ 40,000별도!

D. Validation (IQ, OQ) Service Shaking Incubator

- DH.WIS31010 Validation Service(IQ, OQ), with "ThermoStable IS-10", 60Hz
- DH.WIS31011 , with "ThermoStable IS-10R", 60Hz
- DH.WIS31012 , with "ThermoStable IS-10RL", 60Hz

Optional Spring Rack Platform/Recorder/Stainless-steel Flask Holder(with Spring Ring)

- DH.WIS504610 (1) Spare Universal Platform, w688×h648mm, "SP610", Flask Holder Capacity ; 68ea for 50~100ml Flask, 36ea for 200~300ml Flask, 21ea for 500~1000ml Flask
- DH.WIS600100 (2) STS Wire Spring Flask Holder, for 100ml Flask , "FHS100"
- DH.WIS600250 (3) , for 250ml Flask , "FHS250"
- DH.WIS600500 (4) , for 500ml Flask , "FHS500"
- DH.WIS601000 (5) , for 1000ml Flask, "FHS1000"
- DH.WIS504510 (6) Universal Spring Rack, w693×d653×h135mm, "SR510"
- DH.WTH05100 (7) Temperature Recorder, with 6ea Ribbon Cassette & Chart Paper LED, 6ch/10sec, 144×144×h233mm, "WTH5105"
- DH.WTH05108 Ribbon Cassette, 6 Colors, "WTH5108"
- DH.WTH05105 Chart Paper, w100mm×L10m, 33 Days, "WTH5105"



(1) Universal Platform "SP610" (Included)

(6) Universal Spring Rack Platform "SR510" (Optional)



STS Flask Holder w/Spring Ring (Optional)