

DAIHAN® Precise Shaking Incubator "ThermoStable™ IS-30", Front Door-type, up to 60°C & 1000ml
 With Universal Platform, Fuzzy Control, RS232C Interface for PC, Orbital Motion, 30~250 rpm, 127 Lit
 진탕 배양기/인큐베이터, 전면도어 타입, 고정밀 디지털 퍼지제어, Universal Platform 포함



A. "IS-30" R/T ±5°C~60°C
 B. "IS-30R" 10°C~60°C Refrigerated

- 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
- Stabilized Orbital Motion
- * Precise Temperature Control by Digital Fuzzy Controller, up to 60°C, PT100 Sensor
- * Front Door and Sliding Platform Provides Easy Loading and Handling of Samples
- * RS232C Interface for Monitoring and Controlling with PC.
- * Advanced Shaking Mechanism Provides Quiet Shaking and Precise Speed Control
- * Accommodate Flasks up to 1,000ml
- * Minimum Noise and No Vibration.
- * Universal Spring Rack for Various Shapes/Size of Flasks (Optional)
- * Automatic Stop of Shaking, Heating and Refrigeration when a Door opens
- * Over Temperature & Over Current Protection and Leakage Breaking.

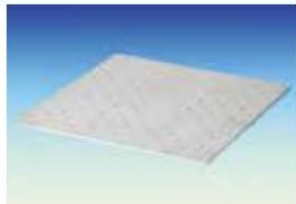
Specifications & Ordering information

Spec.	Model	A. "ThermoStable™ IS-30"	B. "ThermoStable™ IS-30R" with Refrigerator
Temp. Range		Room Temp. +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		127Lit	
Temp. Sensor		PT100 Sensor	
Heater		600 W	800 W
Compressor		None	1/4 HP
Compressor Control		None	Intelligent Control of Refrigerator for preventing Overload of Compressor
Refrigerant		None	CFC-Free(404A) Refrigeration System
Shaking Speed, Stroke & Motion		30 ~ 250 rpm, 25mm, Orbital Motion	
Timer & Alarm		99hr 59min (with Continuous run.), Error status & Timer-end	
Display		Digital LCD with Back-Light Function	
Controller		Digital Fuzzy Controller with Jog-Shuttle Switch (Turn+Push)	
Platform(Included) & Capacity for Optional Flask Holders		Universal Platform for Various Shapes & Sizes of Flasks Capacity : 35 ea Flask Holders for 50~100ml Flask 16 ea Flask Holders for 200~300ml Flask 12 ea Flask Holders for 500~1,000ml Flask	
Safety Circuit		Over Temp./ Current Protector, Leakage Breaker	
Material		Internal : Stainless-steel (# 304), External : Powder Coated steel	
Dimension		Internal : 570×465×h470mm, External : 916×730×h683mm	
Packing Size (w×d×h) (mm)		1,050×900×h900mm	
& Gross Weight		146 kg	156 kg
Power Consumption		600 W	1.3 kW
Electrical Reqts.		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



(1) Universal Platform "SP630" (Included) (2) Universal Spring Rack Platform "SR530" (Optional)

Cat. No.	60Hz	230V	DH.WIS00230	DH.WIS01230
		120V	DH.WIS00130	DH.WIS01130
	50Hz	230V	DH.WIS00530	DH.WIS01530
		120V	DH.WIS00430	DH.WIS01430

* Other Specifications are available upon Customer's Request. ※ 운임 약 ₩ 40,000 별도!

C. Validation (IQ, OQ) Service Shaking Incubator

DH.WIS33010 Validation Service(IQ, OQ), with "IS-30", 60Hz, "ISV3010"
 DH.WIS33011 , with "IS-30R", 60Hz, "ISV3011"

Optional Spring Rack Platform and Stainless-steel Flask Holder(w/Spring Ring)

- DH.WIS504630 (1) Universal Platform, 485×405mm, "SP630", for "IS-30(R)"
- DH.WIS504530 (2) Universal Spring Rack, 498×408×h135mm, "SR530", for "IS-30(R)"
- DH.WIS600100 (3) STS Wire Spring Flask Holder, for 100ml Flask, "FHS100", for "SHO", "SHR" and "IS"
- DH.WIS600250 (4) , for 250ml Flask, "FHS250", for "SHO", "SHR" and "IS"
- DH.WIS600500 (5) , for 500ml Flask, "FHS500", for "SHO", "SHR" and "IS"
- DH.WIS601000 (6) , for 1000ml Flask, "FHS1000", for "SHO", "SHR" and "IS"



STS Flask Holder w/Spring Ring (Optional)