Articles	Cat. No	Description

DAIHAN ThermoStable™ IS-30 Precise Shaking Incubators, Front Door-type, up to 60℃, ±0.2℃
with Universal Platform, Fuzzy Control, Orbital Motion, Advanced Shaking Mechanism, Precise Speed Control, 30~250 rpm

Patented Jog-Shuttle Control System

Front Door   Back Light LCD

Viewing Window

Wisd **2-Year Warranty**

Precise Shaking Incubator, Front Door Type "ThermoStable IS-30"

- ■ **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**
- ■ **CE Certified** ■ **PL (Product Liability) Insurance**

∗ Useful for Biological Cultures under various Temperature
∗ Precise Temperature Control by Digital Fuzzy Controller, up to 60℃
∗ Digital Timer Function : 99 hours 59 minutes
∗ Front Door and Sliding Platform Provides Easy Loading and Handling of Samples
∗ Digital LCD with Back-Light Function
∗ Stabilized Orbital Motion
∗ RS232C Interface for Monitoring and Controlling with PC.
∗ Advanced Shaking Mechanism Provides Quiet Shaking and Precise Speed Control
∗ Minimum Noise and No Vibration.
∗ Accommodate Flasks up to 1,000ml
∗ 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.

Specification

Model		ThermoStable IS-30	ThermoStable IS-30R
Temp. Range		**Ambient +5℃ ~ 60℃**	**10℃ ~ 60℃**
Temp. Accuracy & Uniformity		Accuracy : ±0.2℃ at 37℃, Uniformity : ±0.5℃ at 37℃	
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(R-404A) Refrigeration System
Shaking Speed & Stroke		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 Universal Platform for Various Shapes & Sizes of Flasks	
Optional Flask Holder		Durable & Flexible Plastic Flask Holder (up to 1000ml)	
Available Max. Capacity of Flask Holder	for 50~100ml	Available 35 ea Flask Holder "FH100", for 50~100ml Flask	
	for 200~300ml	Available 16 ea Flask Holder "FH250", for 200~300ml Flask	
	for 500~1,000ml	Available 12 ea Flask Holder "FH500", 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) & Gross Weight		1,050×900×h900mm	
		146 kg	156 kg
Power Consumption		600 W	1.3 kW
Power Supply & Cord/Plug*		1 Phase, AC 120 V, 60 Hz or AC 230 V, 50 / 60 Hz	

∗ Other Specifications are available upon Customer's Request.

Ordering Information

Ambient +5℃~ +60℃, with Universal Platform
DH.WIS00230   Shaking Incubator, Front Door, **230V, "ThermoStable IS-30"**
DH.WIS00130   , **120V, "ThermoStable IS-30"**

+10℃~ +60℃, with Universal Platform
DH.WIS01230   Shaking Incubator, Front Door, **230V, "ThermoStable IS-30R"**
DH.WIS01130   , **120V, "ThermoStable IS-30R"**

<Continued from... DAIHAN ThermoStable™ IS-30 Precise Shaking Incubators **>**

Optional Platform/Spring Rack/Flask Holders
DH.WIS504630 (1) Universal Platform, w485×h405mm, **"SP630"**, for **"IS-30(R)"**
DH.WIS504530 (2) Universal Spring Rack w498×d408×h135mm, **"SR530"**, for **"IS-30(R)"**
DH.WIS504030 (3) Flask Holder, for 50~100ml Flask, **"FH100"**, for **"SHO"**, **"SHR"** and **"IS"**
DH.WIS504035 (4) Flask Holder, for 200~300ml Flask, **"FH250"**, for **"SHO"**, **"SHR"** and **"IS"**
DH.WIS504040 (5) Flask Holder, for 500~1000ml Flask, **"FH500"**, for **"SHO"**, **"SHR"** and **"IS"**

Validation (IQ, OQ) Service
DH.WIS33010 Validation Service(IQ, OQ), **"ISV3010"**, for **"ThermoStable IS-30"**
DH.WIS33011 , **"ISV3011"**, for **"ThermoStable IS-30R"**

WiseRemote® Remote Control Software
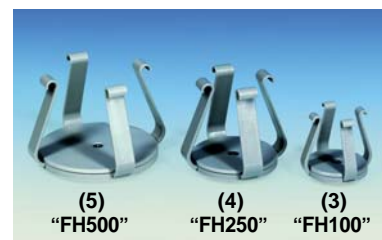**Connection of** Wisd **Temperature Devices with Interface RS232C to a PC Export Recorded Data (Excel Spreadsheet)**

Main Screen **RS232C Cable & Software**

2-Year Warranty

Precise Shaking Incubator, Front Door Type "ThermoStable IS-30"
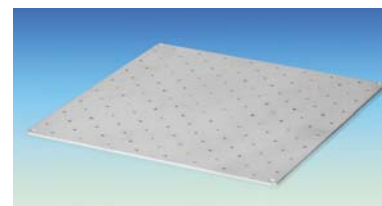
(1) Universal Platform "SP630" (Included)
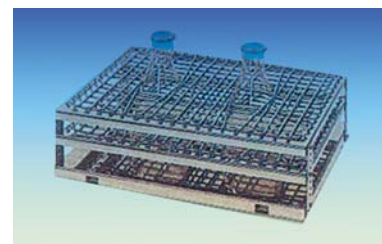
(2) Universal Spring Rack "SR530" (Optional)

(5) "FH500" **(4) "FH250"** **(3) "FH100"**

Flask Holders (Optional)