

DAIHAN® Low Temperature(B.O.D) Incubator "ThermoStable™ IR", **Class-I Medical Device(NIDS)**, 0~60℃, ±0.2℃
 With 3 Wire Shelf, Digital PID Control, CFC-free Refrigeration(R-404A) System, Forced-air Type, 150 · 250 · 420 · 700 Lit
 저온(B.O.D) 배양기/인큐베이터, 강제 순환식, 우수한 온도정확성, 친환경 냉매 채용



Low Temperature(B.O.D) Incubator
 "ThermoStable™ IR-150"

- UL, CUL, and CE Certified
- PL(Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- CFC-free (R-404A) Refrigeration System
- Digital PID Control System Implementing Superior Temperature Accuracy
- Patented Jog-Dial Control System

- * Variable Application : Animal & Plant Cell Culture, Constant Temperature, Germination Test, BOD Test, and so on
- * Intelligent Control of Refrigerator for Preventing Overload of Compressor
- * RS232C Interface for Monitoring and Controlling with PC
- * Superior Temperature Uniformity by Forced-air
- * Over Temperature & Over Current Protection, Sensor Error Detection and Leakage Breaking.
- * Locking Mode Supported for Experimental Safety (Input to Jog-Dial can be Disabled)

Specifications & Ordering information

※ 운임 약 ₩ 50,000 별도!

Spec.	Model	ThermoStable™ IR-150	ThermoStable™ IR-250	ThermoStable™ IR-420	ThermoStable™ IR-700
		Max. Capa. 150L	Max. Capa. 250L	Max. Capa. 420L	Max. Capa. 700L
Capacity		150 Lit	250 Lit	420 Lit	700 Lit
Temp. Range & Accuracy		0℃ ~ 60℃, ± 0.2℃ at 37℃			
Temp. Uniformity & Sensor		± 0.5℃ at 37℃, ± 1.4℃ at 50℃, PT100 Sensor			
Heat-up Time		20 min. to 37℃ 20 min. to 50℃	35 min. to 37℃ 35 min. to 50℃		
Recovery Time (Door open 30sec)		10 min. to 37℃ 12 min. to 50℃	12 min. to 37℃ 15 min. to 50℃		
Heating Power/Consumption		700 W	1 kW	1.2 kW	2 kW
Compressor		1/4HP	1/3HP	1/2HP	1/2HP
Timer & Alarm		99hr 59min (with delay / Continuous run.), Error status & Timer-end			
Storage		Alarm & Timer			
Display		Digital LCD with Back Light			
Controller		Digital PID Controller with Jog-Shuttle Switch (Turn & Push)			
Inner Door		with 1 Inner Tempered Glass Door			
Shelf (Included)		3 PE-coated steel Shelf			
Permitted Total Load		Total Load : 48 kg (16kg × 3 Shelf)			
Material		Internal : Stainless-steel (# 304), External : Powder Coated steel			
Dimension (w×d×h)	Interior (mm)	505×505×610	505×505×1,000	705×605×1,000	800×700×1,250
	Exterior (mm)	640×832×1,313	640×832×1,703	840×932×1,753	935×1,027×2,000
Net Weight		118 kg	157 kg	202 kg	234 kg
Packing Size (w×d×h) (mm) & Gross Weight		900×1,000×1,650	900×1,000×2,040	1,100×1,100×2,140	1,220×1,220×2,260
		191 kg	217 kg	277 kg	313 kg
Power Consumption		1.6 kW	1.8 kW	2.3 kW	2.4 kW
Electric Reqts.		1 Phase, AC 120 V, 60 Hz or AC 230 V, 50 / 60 Hz			
Cat. No.	230V	DH.WIR03150	DH.WIR03250	DH.WIR03420	DH.WIR03700
	120V	DH.WIR04150	DH.WIR04250	DH.WIR04420	DH.WIR04700



WiseRemote Control Software :

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

* You can Download this Software from
 DAIHAN-Sci.com Shopping-mall

Validation (IQ, OQ)	Cat. No.	DH.WIR31150	DH.WIR31250	DH.WIR31420	DH.WIR31700
	Model No.	IRV150	IRV250	IRV420	IRV700

* Other Specifications are available upon Customer's Request.

(1) Spare PE-coated Steel Wire Shelf

DH.WIR11150 Wire Shelf, PE Coated steel, "IRS150", w470×d480mm, for "IR-150", "IR-250"

DH.WIR11420 Wire Shelf, PE Coated steel, "IRS420", w675×d585mm, for "IR-420"
 DH.WIR11700 , "IRS700", w770×d680mm, for "IR-700"

(2) Optional Stainless-steel Wire Shelf

DH.WIR21150 Wire Shelf, Stainless-steel, "IRU150", w470×d480mm, for "IR-150", "IR-250"

DH.WIR21420 Wire Shelf, Stainless-steel, "IRU420", w675×d585mm, for "IR-420"
 DH.WIR21700 , "IRU700", w770×d680mm, for "IR-700"



(1) Wire Shelf, PE Coated steel (Included)



(2) Wire Shelf, Stainless-steel (Optional)