DAIHAN-brand® High-performance Dry Bath-Heating & Cooling, "HB-R", −5℃~95℃, ±0.1℃
with Digital PID Control, Acrylic Lid, Precise Temperature Control, Modular Blocks, Anodized Aluminum Block
히팅/쿨링 블럭, 블럭 교체 가능, 아크릴 리드 포함, Peltier Cooling System, Digital Timer & PID Control System, Interchangeable Blocks

CE −5℃~ 95℃

Block "BLC548", 48 holes

WiseTherm

Patented Jog-Shuttle Control System

Wisd

Tongs "BLE101"
2-Year Warranty

Heat/Cool Package-Set "HB-R48-Set" with Block "BLC548" for 1.5/2ml Centrifuge Tube×48 holes

- ■ **with Certificate & Traceability :**
  Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- ■ **Designed for Multi-Function :** Enzyme Reactions, Inactivation of Sera, Incubation and Other Laboratory Procedures.
- ■ **Patented Jog-Shuttle Control System** and Digital LCD with Back-Light Function
- ■ **CE Certified** ■ **PL(Product Liability) Insurance**

∗ User Self-Compensation Function to offset between Actual and Displayed Temperature. (±10.0℃)
∗ Storage Function of Temperature and Timer setting values
∗ Locking Mode Supported for Experimental Safety (Input to Jog-Shuttle can be Disabled)

Specification

Model	Heat/Cool Package-Set "HB-R48-Set"	
Capacity (1.5/2ml Tube)	48 holes × 1.5/2ml Centri. Tubes	
Dimension : Unit & Block	185 × 230 × h220mm, and 90 × 120 × h60mm	
Cooling	Two Peltier Modules	
Cool-Down Speed	2.3℃/min. between 95℃ to 25℃, 0.5℃/min. between 25℃ to −5℃	
Heater and Sensor	300W (Molded Heater), PT100	
Temp. Range, & Accuracy	−5℃ to 95℃, and ±0.1℃ at 37℃, ±0.2℃ at 90℃	
Heat-Up Speed	Approx. 5℃/min	
Safety Device	Over Temp. and Over Current Protector, Sensor Error Detector	
Timer with Alarm	99hr 59min, Alarm (Error Status and Timer-end)	
Display	Digital LCD with Back-Light Function	
Controller	Digital PID Controller	
Material	Internal & External	Stainless steel (#304), and Powder Coated steel
	Block	Anodized Aluminum
Included Standard Acce.	Block "BLC548" for 1.5/2ml Tubes, and Block Tongs "BLE101"	
Packing Size, Gross Weight	350 × 220 × h310mm, 9 kg	
Power Consumption	450 W	
Power Supply & Cord Plug∗	1 Phase, AC 120V, 60Hz or AC 230V, 50/60Hz	

∗ Other Specifications are available upon Customer's Request.

Included Block in the Package-Set

(3) "BLC548"
1.5/2ml Centrifuge Tube×48 holes

Ordering Information

Dry Bath-Heating & Cooling Package-Set, with 1.5/2ml Block

		Ea. Price, ₩
DH.WHB00249	Dry Bath, Heat/Cool, **"HB-R48-Set", 230V**, with 1.5/2ml Block	881,620
DH.WHB02249	**, 120V**, with 1.5/2ml Block	881,620

Dry Bath-Heating & Cooling Unit Only, without Block

		Ea. Price, ₩
DH.WHB00248	Dry Bath, Heat/Cool, **"HB-R48-Unit", 230V**, without Block	737,500
DH.WHB02248	**, 120V**, without Block	737,500

Optional Interchangeable Blocks

		Ea. Price, ₩
DH.WHB510596	(1) Block, **"BLC596",** for 0.2ml PCR Tube, 96 holes	200,140
DH.WHB510570	(2) Block, **"BLC570",** for 0.5ml Centrifuge Tube×63 holes	170,140
DH.WHB511548	(3) , **"BLC548",** for 1.5/2ml Centrifuge Tube×48 holes	160,140
DH.WHB521248	(4) Block, **"BLT248",** for Φ12mm Test Tube, 48 holes	160,140
DH.WHB521335	(5) , **"BLT335",** for Φ13mm Test Tube, 30 holes	160,140
DH.WHB521535	(6) , **"BLT535",** for Φ15mm Test Tube, 30 holes	160,140
DH.WHB521628	(7) , **"BLT628",** for Φ16.5mm Test Tube, 24 holes	156,140
DH.WHB521828	(8) , **"BLT828",** for Φ18mm Test Tube, 24 holes	156,140
DH.WHB531515	(9) Block, **"BLC515",** for 15ml Conical Tube, 15 holes	150,140
DH.WHB535008	(10) , **"BLC008",** for 50ml Conical Tube, 8 holes	150,140
DH.WHB500101	Spare Block Extraction Tongs, **"BLE101"**	20,140

BLE101

Validation (IQ, OQ) Service

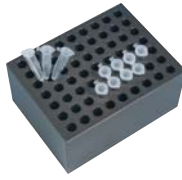|		Ea. Price, ₩
DH.WHB30248	Validation Service(IQ, OQ), **"DBVR248",** for **"HB-R48"**	문의요함

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앞 페이지 <DAIHAN-brand® High-performance Dry Bath-Heating & Cooling, "HB-R" 에서 계속... >

The Details of 10 Optional Blocks

(1) "BLC596"

0.2ml PCR Tube×96 holes

(2) "BLC570"

0.5ml Centrifuge Tube×63 holes

(3) "BLC548"

1.5/2ml Centrifuge Tube×48 holes
Included in the Package-Set

(4) "BLT248"

ϕ12mm Tube×48 holes

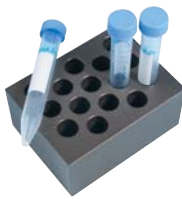**(5) "BLT335"**

ϕ13mm Tube×30 holes

(6) "BLT535"

ϕ15mm Tube×30 holes

(7) "BLT628"

ϕ16.5mm Tube×24 holes

(8) "BLT828"

ϕ18mm Tube×24 holes

(9) "BLC515"

15ml Conical Tube×15 holes

(10) "BLC008"

50ml Conical Tube×8 holes