

DAIHAN® High-performance Heating Block/Dry Bath Incubator-Heating & Cooling "HB-R48"

With Digital PID Control, Acrylic Lid, Precise Temperature Control, Modular Anodized Aluminum Block, $-5^{\circ}\text{C} + 95^{\circ}\text{C}$, $\pm 0.1^{\circ}\text{C}$

Peltier Cooling System, Digital Timer, Interchangeable Blocks, 히팅 / 쿨링 블록, 블록 교체 가능, 아크릴 리드 & 블록용 집게 포함

CE

 $-5^{\circ}\text{C} + 95^{\circ}\text{C}$ Block "BLC548",
48 holesPatented Jog-Shuttle
Control System

Block Cover

Tongs "BLE101"

2-Year Warranty

"HB-R48-Set"

with Block "BLC548" for 1.5/2ml Centrifuge Tube $\times$ 48 holes

(3) "BLC548"

(11) "BLE101"

Included Anodized Aluminum Block & Tongs

- Supplied by DAIHAN Korea
- CE Certified
- PL(Product Liability) Insurance
- 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

* User Self-Compensation Function to offset between Actual and Displayed Temperature. ($\pm 0.0^{\circ}\text{C}$)

* Storage Function of Temperature and Timer setting values

* Locking Mode Supported for Experimental Safety (Input to Jog-Shuttle can be Disabled)

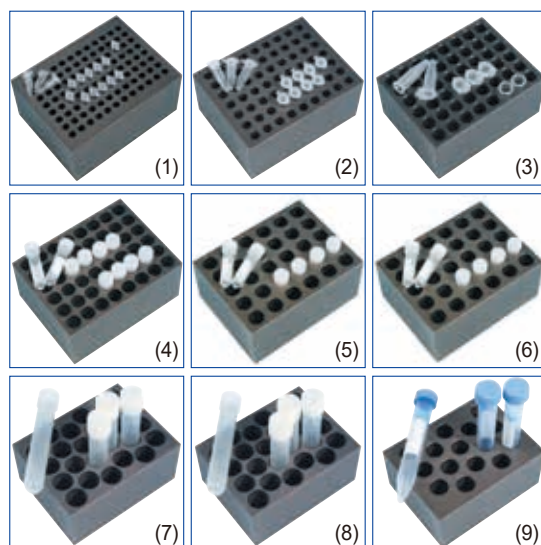
Specifications & Ordering information

<L1>

Spec.	Model	"HB-R48" (Only Unit)	"HB-R48-set" (included Standard Block)
Controller		Digital Fuzzy Controller	
Useful Block		Interchangeable Block(90×120×h60mm) for Various Tubes	
included Standard Block		None(Only Heating Block Unit)	48 holes×for 1.5/ 2ml Centri. Tube
Dimension : Unit & Block		185×230×h220mm, and 90×120×h60mm	
Cooling		Two Peltier Modules	
Cool-Down Speed		2.3°C/min. between 95°C to 25°C, 0.5°C/min. between 25°C to -5°C	
Heater and Sensor		300W (Molded Heater), PT100	
Temp Range, & Accuracy		-5°C to 95°C , and $\pm 0.1^{\circ}\text{C}$ at 37°C , $\pm 0.2^{\circ}\text{C}$ at 90°C	
Heat-Up Speed		Approx. 5°C/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	
Material	Internal & External	Stainless steel (#304), and Powder Coated steel	
	Block	Anodized Aluminum	
Included Standard Acce.		Block Tongs "BLE101" and Block Cover	
Packing Size, Gross Weight		350×220×h310mm, 9 kg	
Power Consumption		450 W	
Electric Reqts.		1 Phase, AC 120V, 60Hz or AC 230V, 50 / 60Hz	
Cat. No.	230V	DH.WHB00248	DH.WHB00249
	120V	DH.WHB02248	DH.WHB02249
Price, Each. ₩		805,000	944,000

* Other Specifications are available upon Customer's Request.

Optional Interchangeable Anodized Aluminum Block (90×120×h60mm)



DH.WHB	Spec.	Ea. Price, ₩
DH.WHB510596	(1) for 0.2ml PCR Tube, ($\phi 6 \times h16\text{mm}$) $\times$ 96 holes, "BLC596"	211,300
DH.WHB510570	(2) for 0.5ml Centri. Tube, ($\phi 7.7 \times h29.5\text{mm}$) $\times$ 63 holes, "BLC570"	181,300
DH.WHB511548	(3) for 1.5/2ml Centri. Tube, ($\phi 11 \times h35\text{mm}$) $\times$ 48 holes, "BLC548" (* included in the "HB-R48-Set")	171,300
DH.WHB521248	(4) for $\phi 12\text{mm}$ Test Tube, ($\phi 12 \times h35\text{mm}$) $\times$ 48 holes, "BLT248"	171,300
DH.WHB521335	(5) for $\phi 13\text{mm}$ Test Tube, ($\phi 13 \times h47\text{mm}$) $\times$ 30 holes, "BLT335"	171,300
DH.WHB521535	(6) for $\phi 15\text{mm}$ Test Tube, ($\phi 15 \times h47\text{mm}$) $\times$ 30 holes, "BLT535"	171,300
DH.WHB521628	(7) for $\phi 16.5\text{mm}$ Test Tube, ($\phi 16.5 \times h47\text{mm}$) $\times$ 24 holes, "BLT628"	167,500
DH.WHB521828	(8) for $\phi 18\text{mm}$ Test Tube, ($\phi 18 \times h47\text{mm}$) $\times$ 24 holes, "BLT828"	167,500
DH.WHB531515	(9) for 15ml Conical Tube, ($\phi 16 \times h47\text{mm}$) $\times$ 15 holes, "BLC515"	161,300
DH.WHB535008	(10) for 50ml Conical Tube, ($\phi 28.7 \times h47\text{mm}$) $\times$ 8 holes, "BLC008"	161,300
DH.WHB500101	(11) Spare ; Block Extraction Tongs, "BLE101"	21,300