DAIHAN-brand® High-performance Dry Bath, Heating, Dual-type "HB-96D", up to 150℃, ±0.1℃
with Digital Fuzzy Control, Molded Heater, Modular Blocks, Acrylic Lid, Touch-button Controller, with Certi. & Traceability

CE up to 150℃

2× Block "BLC548", 2× 48 holes

Dual Control System

2-Year Warranty

Wisd.

Tongs "BLE101"

Dry Bath, Heating, Dual Control System "HB-96D-set"

Included Block in the Package-Set

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

■ **with Certificate & Traceability :**
 Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
■ **Designed for Multi-functional Dry Block Heater**
■ **Dual Controller & Blcok**
■ **Patented Jog-Shuttle Control System and Digital LCD with Back-Light Function**
■ **CE Certified**　　■ **PL(Product Liability) Insurance**

＊ Ideal for Enzyme Reactions, Inactivation of Sera, Incubation and Other Laboratory Procedures
＊ Precise Temperature Control : ±0.1℃ at 37℃, ±0.2℃ at 90℃, ±0.4℃ at 135℃
＊ User Self-Compensation Function to offset between Actual and Displayed Temperature. (±10.0℃)
＊ Over Temperature & Over Current Protection and Sensor Error Detection
＊ Digital Timer Included : up to 99hr 59min (Operation Time + Delay Time)
＊ Storage Function of Temperature and Timer setting values
＊ Alarm Function : Error Status and Timer-end
＊ Various kind of Blocks are offered (Optional),　　＊ Modular Block
＊ Locking Mode Supported for Experimental Safety (Input to Jog-Shuttle can be Disabled)
＊ The Block Extraction Tongs and Included for Easy Handling

Specification

Models		"HB-96D"
Controller		Dual Digital Fuzzy Controller
Capacity (1.5/2ml Tube)		2×(48 Holes×1.5/2ml Tube)
Heater		300W (Molded Heater)
Dimension	Block (mm)	(90×120×h60)×2ea
	Unit (mm)	285×250×h155
Temp. Range, & Accuracy		Ambient +5℃ to 150℃, ±0.1℃ at 37℃, ±0.2℃ at 90℃, ±0.4℃ at 135℃
Heat-Up Speed & Sensor		Approx. 5℃/min, PT100
Safety Circuit		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.		2×Block "BLC548" for 1.5/2ml Tubes, and Block Tongs "BLE101"
Packing Size		400×270×h200 mm
Gross Weight		6 kg
Power Consumption		600 W
Power Supply & Cord Plug＊		1 Phase, AC 120V, 60Hz or AC 230V, 50/60Hz

＊ **Other Specifications are available upon Customer's Request.**

Ordering Information

HB-96D with 1.5/2ml Block-set

DH.WHB00199　　Dry Bath, Heating, **230V**, **"HB-96D-set"**, with 1.5/2ml Block
DH.WHB02199　　　　　　　　　, **120V**, **"HB-96D-set"**, with 1.5/2ml Block

HB-96D only unit

DH.WHB00198　　Dry Bath, Heating, **230V**, **"HB-96D-unit"**, without Block
DH.WHB02198　　　　　　　　　, **120V**, **"HB-96D-unit"**, without Block

<Continued on next page>

Cat. No	Description	Articles

<Continued from... DAIHAN·brand® High-performance Dry Bath, Heating, Dual-type "HB·96D">**

Ordering Information

Optional Interchangeable Blocks

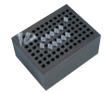|	
DH.WHB510596	(1) Block, **"BLC596",** for 0.2ml PCR Tube, 96 holes
DH.WHB510570	(2) Block, **"BLC570",** for 0.5ml Centrifuge Tube×63 holes
DH.WHB511548	(3) , **"BLC548",** for 1.5/2ml Centrifuge Tube×48 holes
DH.WHB521248	(4) Block, **"BLT248",** for Φ12mm Test Tube, 48 holes
DH.WHB521335	(5) , **"BLT335",**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

BLE101

Validation (IQ, OQ) Service

DH.WHB30198	Validation Service(IQ, OQ), **"DBV198",** for **"HB-96D"**

CE **up to 150℃**

2×Block "BLC548", 2×48 holes

Dual Control System

2-Year Warranty

Wisd.

Tongs "BLE101"

Dry Bath, Heating, Dual Control System "HB-96D-set"

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