

COMMODITY DESCRIPTION

H.S. No	Item No	Description	Unit	Quantity
		Dry Heating Block	set	1

A. Model : JSBL-04T

B. Product Description : Dry Block Heater

C. Manufacturer / Origin : JS Research Inc. / Korea

D. Application :

JSBL-Series Dry Block Heater provides precise and constant temperature control source in the laboratory by heating interchangeable modular aluminum block.

Ideal for microbiology and clinical laboratories for incubation, enzyme assay, inactivation, boiling, wet washing, extraction, sample concentration and many other applications.

The anodized modular aluminum blocks accommodate PCR tubes, eppendorf tubes, microcentrifuge tubes.

Heating Block hold 1, 2, 4 interchangeable modular blocks to accommodate a variety of vessels.

E. Photo



JSBL-01T Dry Block Heater

F. Feature

Controller JSC-0D Digital PID Controller

- ✓ ± 0.1 °C Digital PID Controller with LED Display
- ✓ Automatic START/STOP timer
- ✓ Adjustable timer scale 99min 59sec / 99hr 59min / 99day 23hr or continuous operation
- ✓ Temperature calibration
- ✓ Auto-tuning function
- ✓ Class A Pt-100 Ω sensor

Construction

- ✓ Durable epoxy powder coated metallic casing
- ✓ Corrosion resistant Stainless Steel 304 bath
- ✓ Anodized Modular Aluminum Block

Performance

- ✓ Heater under the bottom transduce heat trough aluminum block and to maintain uniform temperature
- ✓ Class A Pt-100 Ω sensor embedded into the modular block to measure accurate temperature of the aluminum block
- ✓ Maintain block temperature from ambient + 5 °C to 180 °C
- ✓ Excellent control accuracy within ± 0.5 °C and thermal uniformity within ± 3.0 °C

Convenience

- ✓ Corrosion resistant Stainless Steel 304 (ASTM 304) solid bath interior
- ✓ Wide range of interchangeable modular blocks as accessories for all applications
- ✓ Block extraction tool is supplied with , allowing blocks to be removed easily
- ✓ Aluminum block with additional thermometer hole to measure and compare actual temperature of block

Safety

- ✓ OVER TEMP. CUT-OFF
Digital system cut-off heater and AUDIO VISUAL ALARM in case +2 °C above set temperature
- ✓ MAX TEMP CUT-OFF heater and AUDIO VISUAL ALARM when +1 °C above maximum limit
- ✓ SENSOR DISCONNECTION ALARM
- ✓ OVER CURRENT CUT-OFF

G. Specifications

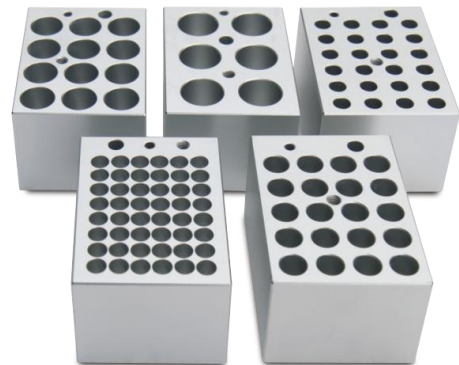
Block Capacity	4 Blocks
Block Dims. (W x D x H)	90 x 65 x 50 mm
Outer Dims. (W x D x H)	220 x 360 x 110 mm
Temp. Range	ambient +10°C ~ +180°C
Accuracy	±0.5°C at +60°C
Uniformity	±3.0°C at +60°C
Control	Microprocessor PID control Auto START / STOP Timer
Sensor	Class A PT-100 Ω Sensor
Safety	Over-Temperature Cut-Off Over Current Cut-Off
Material	Body : Epoxy Powder Coated Steel Bath : Stainless Steel 304 Block : Aluminum
Electrical Requirement	220 ± 10% VAC, 50/60Hz, 1-Phase
Heater Capacity	400 Watt
Power Rating	1.8 amps
Plug Configuration	CEE 7/7 Schuko or BS 1363

H. Standard Accessories

External Sensor : 1 EA
Instruction Manual : 1 EA
Warranty Card : 1 EA

I. Options & Accessories

Art No.	Modular Aluminum Block
PHA-02B	48 x 0.2ml PCR Tubes or Strip
PHA-05B	24 x 0.5ml PCR Tubes or Strip
PHA-15B	20 x 1.5ml Tubes
PHA-16B	12 x ø16 mm Tubes
PHA-24B	6 x ø24mm Tubes



J. Warranty

1 Year full coverage warranty