

# THERMO SHAKER INCUBATOR SHA71-1600



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The unique design principle which combines mixing and shaking with intelligent control makes its operation simpler, safe, and convenient. It is compact, highly-efficient and consists of several features including intelligent programming for easy and accurate operation results. It is primarily used to mix different micro capacity tube, PCR plate, micro-titer plate and other laboratory equipment.

Used in Incubation, Cultivation, Re-suspending Pellets, Denaturation, PCR preparations, ELISA Assays, Colorimetric Assays, Enzyme, Protein Analysis.

Also known as Thermo Shaker, Lab Shaker, Thermo Shaker Incubator, Laboratory Thermo Shaker Incubator.

## SHA71-1600 THERMO SHAKER INCUBATOR

Optimized 2D mixing designed for simultaneous mixing and vortexing applications

Pre-programmed soft keys and reliable universal holder

Automatic imbalance detection and anti-spill technology

Mixing in a 3-in-1 format: Plates (up to 96-well and 384-well formats), Micro-Tubes, vortexing numerous tube formats

Custom blocks available for different experiment needs



## SPECIFICATIONS

Model	SHA71-1600
Speed Range	300-1600 rpm
Temperature	0-100°C
Temperature Accuracy	< ±0.3°C
Temperature Resolution	0.1°C
Vortex Shaking Speed	None
Shaking Orbit	3 mm
Time of Heating	≤20min (from 20°C to 100°C)
Time of Cooling	≤25min(RT-20°C), ≤15min(from 100°C to 20°C)
Cooling Speed	>7°C/min (from 100°C to 20°C) and >1.2°C/min (from RT to RT -20°C)
Timing Range	99h59min
Motion	Orbital
Overall Dimension	270x190x170 mm
Display	LCD
Weight	8.3 kg
Power	200 W
Power Supply	230V, 60Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Temperature
LS53621	Block	96 x 0.2ml PCR plate	Max. Temp. 100°C
LS53633	Block	54 x 0.5ml	Max. Temp. 100°C
LS53645	Block	35 x 1.5ml	Max. Temp. 100°C
LS53657	Block	35 x 2.0ml	Max. Temp. 100°C
LS53669	Block	20 x 0.5ml + 15 x 1.5ml	Max. Temp. 100°C
LS53681	Block	24 x dia. ≤ Φ12mm	Max. Temp. 100°C
LS53693	Block	32 x 0.2ml + 25 x 1.5ml	Max. Temp. 100°C
LS53705	Block	32 x 0.2ml + 10 x 0.5ml + 15 x 1.5ml	Max. Temp. 100°C
LS53717	Block	103 x 67 x 30mm (water bath block)	Max. Temp. 100°C
LS53729	Block	flat block	Max. Temp. 100°C
LS53741	Block	24 x 5ml (non-standard)	Max. Temp. 100°C
LS53753	Block	12 x 15ml (non-standard)	Max. Temp. 100°C
LS53765	Block	6 x 50ml (non-standard)	Max. Temp. 100°C
LS53777	Block	customized	Max. Temp. 100°C
LS53789	Block	Suit for block A ~H, J	
LS53801	Block	Suit for block I, K, L, M	
LS54293	Tube Stand	96x0.2ml	
LS54305	Tube Stand	24x0.5ml	
LS54317	Tube Stand	24x1.5/2.0ml	

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