



THERMO SHAKER INCUBATOR

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Compact design with intelligent features for smooth operation. Thermo incubator shaker is an ideal option for rigorous mixing of samples at controlled temperature conditions. Mixing and heating modes can be operated simultaneously and individually. Custom blocks available for different experiment needs and can vortex all kinds of tubes.

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

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

100 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	BSTH-102	BSTH-103	BSTH-101
Speed Range	300-2000 rpm	300-1500 rpm	300-3000 rpm
Temp. Control Range	R.T.+5°C~100°C	0°C~100°C	-
Temp. Setting Range	5°C ~100°C	0°C ~100°C	-
Temp. Stability	±0.3°C		-
Shaking Orbit	3 mm (horizontal)	3mm (horizontal)	3 mm
Block Temp. Uniformity	±0.3°C		-
Temp. Display Accuracy	0.1°C		-
Heating Speed	≤15min (20°C to 100°C)	≤15 min (20°C to 100°C)	-
Timing Range	1 min~99 h 59 min	1min~99h59min or continuous	1s-99h59min (continuously)
Voltage	AC 220 V / AC 110 V, 50/60 Hz	AC 100 V~230 V, 50/60 Hz	-
Power	200 W	200W	45 W
Fuse	250 V, 2A/3A, φ5x20	250 V, 3 A, φ5x20	-
Dimension	W.196 x D.270x H.170mm		-
Net Weight	8.2 kgs	8.8 kgs	-
Temp. Max. Decrease	-	R.T. decreases 20°C@R.T. 26°C	-
Cooling time	-	≤30 min (R.T. decreases 20°C) @R.T. 26°C	-
Cooling speed	-	≥7°C/min(100°C drop to 20°C)≥1.2°C/min(R.T. decreases10°C)	-
Temperature	-	-	No heating function
Temperature Accuracy	-	-	No heating function
Temperature Resolution	-	-	No heating function
Vortex Shaking Speed	-	-	3500 rpm

Time of Heating	-	-	No heating function
Time of Cooling	-	-	No cooling function
Motion	-	-	Orbital
Overall Dimension	-	-	270x196x170 mm
Display	-	-	LCD
Noise Level	-	-	<52 db
Weight	-	-	4.5 kg
Power Supply	-	-	100-230V, 50-60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Max Temperature	CAPACITY	For Models
2001906006	Block A	96x0.2 ml PCR plate	100°C		BSTH-102, BSTH-103
2001906007	Block B	54x0.5 ml	100°C		BSTH-102, BSTH-103
2001906008	Block C	35x1.5 ml	100°C		BSTH-102, BSTH-103
2001906009	Block D	35x2.0 ml	100°C		BSTH-102, BSTH-103
2001906010	Block E	20x0.5 ml+15x1.5 ml	100°C		BSTH-102, BSTH-103
2001906011	Block F	24xdia.≤Φ12 mm	100°C		BSTH-102, BSTH-103
2001906012	Block G	32x0.2 ml+25x1.5 ml	100°C		BSTH-102, BSTH-103
2001906013	Block H	32x0.2 ml+10x0.5 ml+15x1.5 ml	100°C		BSTH-102, BSTH-103
2001906014	Block I	103x67x30 mm (water bath block)	100°C		BSTH-102, BSTH-103
2001906015	Block J	flat block	100°C		BSTH-102, BSTH-103
2001906016	Block K	24x5 ml (non-standard max. speed 600 rpm)	100°C		BSTH-102, BSTH-103
2001906017	Block L	12x15 ml (non-standard max. speed 600 rpm)	100°C		BSTH-102, BSTH-103
2001906018	Block M	6x50 ml (non-standard max. speed 600 rpm)	100°C		BSTH-102, BSTH-103
2001906019	Block N	Customized	100°C		BSTH-102, BSTH-103
2001906020	Cover A	Suit for block A ~I J			BSTH-102, BSTH-103
2001906021	Cover B	Suit for block J K L M			BSTH-102, BSTH-103
2001906022	Tube Stand A	96x0.2 ml tube stand			BSTH-102, BSTH-103
2001906023	Tube Stand B	24x0.5 ml tube stand			BSTH-102, BSTH-103
2001906024	Tube Stand C	24x1.5/2.0 ml tube stand			BSTH-102, BSTH-103
2001908006	MIX-A			96 x 0.2ml	BSTH-101
2001908007	MIX-B			24 x 0.5ml	BSTH-101
2001908008	MIX-C			24 x 1.5/2.0ml	BSTH-101



BSTH-102



BSTH-103

200 THERMO SHAKER INCUBATOR



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SPECIFICATIONS

Model	BSTH-204	BSTH-205
Speed Range	300-3000 rpm	300~2000 rpm
Temperature	RT+5-100°C	
Temperature Accuracy	0.5°C	
Temperature Resolution	0.1°C	
Vortex Shaking Speed	None	
Speed Increment	10 rpm	
Shaking Orbit	2 mm	3 mm
Time of Heating	≤12 min	
Time of Cooling	No cooling function	
Timing Range	1min ~ 99h59 min	
Motion	Orbital	
Overall Dimension	230x170x165 mm	
Weight	5.5 kg	
Power	150 W	
Power Supply	230 V, 60 Hz	



BSTH-204



BSTH-205



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