Thomas Scientific

Benchmark

INCU-SHAKER Series

Shaking Incubators

- *Exceptional temperature uniformity*
- *Miniature and cooling options available*
- *Exchange flask clamps in one second with the new MAGiC CLAMP™ magnetic system*

Benchmark Scientific

INCU-SHAKER™ Series

Incu-Shaker 10L/LR
(H2010/H2012)

The Incu-Shaker™ series of shaking incubators provide digitally regulated temperature with precisely controlled, circular (orbital) mixing, optimized for the culture of a wide variety of cell types.

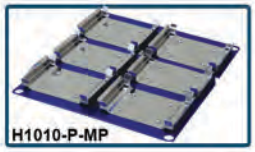
The **Incu-Shaker Mini** is the most compact shaking incubator in its class. Despite the remarkably small footprint, a large 11.5 x 9.5 in. work space accepts several platforms for use with flasks up to 1 liter, tubes and other common vessels. In addition, this model features a full color, TOUCH screen display for increased control over all parameters

With similar features to the Incu-Shaker Mini, the **Incu-Shaker 10L and 10LR** models are equipped with a large 18 x 18 inch platform for high capacity applications. (See Chart for a complete listing of the maximum flask capacity.)

The standard platform (included with all three models) features a non-slip, rubber coated surface, ideal for tissue culture flasks, Petri dishes and staining trays. Convenient MAGic Clamp™ platforms, flask clamps and tube racks are also available for use with Erlenmeyer flasks and test tubes. This unique, magnetic attachment method is the easiest way to instantly change between flask clamps of different sizes. Each clamp utilizes a powerful magnetic base to securely attach the clamp to the shaking platform without the use of screws, bolts or tools.

Temperature, shaking speed and run time are displayed on the large LED control panel located on the front of the unit (or Touch screen display on the mini model). The integral microprocessor includes a constant monitoring system that verifies and maintains accuracy through the duration of the program. Sophisticated over-temperature and over-speed ensure long life, safety and sample integrity.

Incu-Shaker Mini
(H1001-M)



H1010-P-MP

H1010-P-SP

H1000-MR-1550

Technical Data:

Temperature Range (Mini):	Ambient +5 to 70°C (Increments of 0.1°C)
Temperature Range (10L):	Ambient +5 to 60°C (Increments of 0.1°C)
Temperature Range (10LR):	Ambient -12 to 60°C (Increments of 0.1°C)
Temperature Uniformity	+/- 0.25 %
Temperature Accuracy:	+/- 0.1 %
Shaking Speed Range:	30 to 300 rpm (Increments of 1 rpm)
Shaking Orbit:	19 mm (3/4")
Platform Dimensions:	
Incu-Shaker Mini	9.5 x 11.5 in. / 23.5 x 29.2 cm
Incu-Shaker 10L/LR	17.8 x 17.8 / 45 x 45 cm
Exterior Dimensions:	
Incu-Shaker Mini	11 x 18.8 x 13 in. / 28 x 48 x 33 cm
Incu-Shaker 10L	20 x 26 x 19 in. / 51 x 65 x 47 cm
Incu-Shaker 10LR	20 x 31 x 22 in. / 51 X 79 X 56 cm
Weight:	
Incu-Shaker Mini	25 lbs. / 11.5 kg
Incu-Shaker 10L	120 lbs / 55 kg
Incu-Shaker 10LR	170 lbs / 78 kg
Electrical:	120 or 230V, 50-60Hz

MAGic CLAMP™

See it on the web!

Maximum capacity of Erlenmeyer flasks

Flask Size:	Incu-Shaker Mini	Incu-Shaker 10L/LR
50ml	20	49
125ml	12	36
250ml	8	25
500ml	5	16
1L	2	9
2L	0	5

Ordering Information

H1001-M*	Incu-Shaker Mini, includes standard rubber mat platform, 115V
H2010*	Incu-Shaker 10L, includes standard rubber mat platform, 115V
H2012*	Incu-Shaker 10LR, includes standard rubber mat platform, 115V

**To order an item in 230V, add (-E) to item number.*

Optional Platforms and Shelves

H1000-MR	MAGic Clamp universal platform, for Incu-Shaker Mini (9.5 x 11.5")
H1010-MR	MAGic Clamp universal platform, for Incu-Shaker 10L/LR (18 x 18")
H1000-P-MP	Microplate platform, 4 position for Incu-Shaker Mini
H1010-P-MP	Microplate platform, 6 position for Incu-Shaker 10L/LR
H1000-P-SP	Spring rack platform, holds uncommon vessels for Incu-Shaker Mini
H1010-P-SP	Spring rack platform, holds uncommon vessels for Incu-Shaker 10L/LR
H1010-SH	Optional Shelf, for Petri Dishes, microplates, trays, etc. (14 x 5.5") for Incu-Shaker 10L/LR (max. 3)

Flask & Tube Rack Accessories for MAGic Clamp Platforms

H1000-MR-50	Flask Clamp, 50 ml (H1000-MR: max. 20 / H1010-MR: max. 49)
H1000-MR-125	Flask Clamp, 125 ml (H100-MR: max. 12 / H1010-MR: max. 36)
H1000-MR-250	Flask Clamp, 250 ml (H1000-MR: max. 8 / H1010-MR: max. 25)
H1000-MR-500	Flask Clamp, 500 ml (H1000-MR: max. 5 / H1010-MR: max. 16)
H1000-MR-1000	Flask Clamp, 1000 ml (H1010-MR: max. 9)
H1000-MR-2000	Flask Clamp, 2000 ml (H1010-MR: max. 5)
H1000-MR-MP	Microplate Clamp, (H1000-MR: max. 4 / H1010-MR: max. 8)
H1000-MR-1550	Tube Rack, 20x50 & 30x15 ml tubes (H1000-MR: max.1 / H1010-MR: max. 4)
H1000-MR-T15	Tube Rack, 32x15 tubes (H1000-MR: max. 2 / H1010-MR: max. 8)
H1000-MR-T50	Tube Rack, 15x50 tubes (H1000-MR: max. 2 / H1010-MR: max. 8)
H1000-MR-T600	Bottle Rack, 4x500/600ml conical bottles (H1000-MR: max. 1 / H1010-MR: max. 2)
H1000-MR-TSR	MAGic Clamp™ tilted holder for 15 ml and 50 ml tube racks
H1000-MR-CMB	Adjustable flask clamp for MAGic clamp platform, accepts 125 ml (max. 36), 250 ml (max. 25) or 500 ml (max. 16)

Additional accessories available. Please visit www.BenchmarkScientific.com for more details.

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