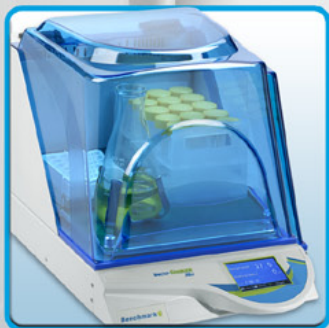


Benchmark 

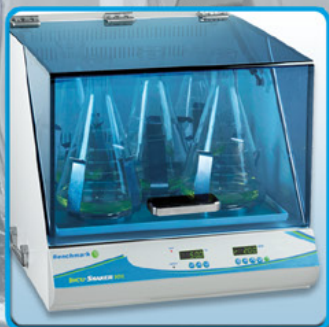
INCU-SHAKER *Series*

Shaking Incubators

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



INCU-SHAKER™ Mini



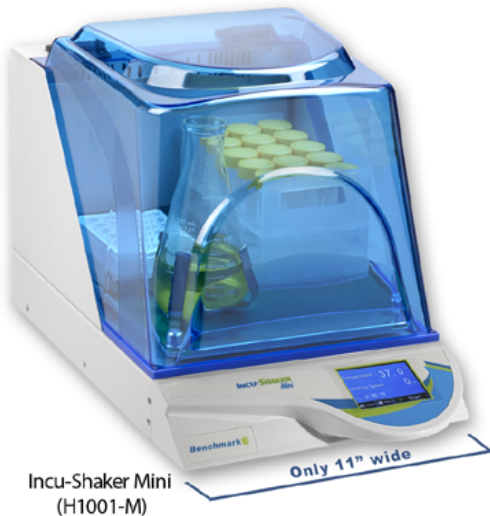
INCU-SHAKER™ 10L/LR

WITH
**MAGiC
CLAMP**
PATENT PENDING

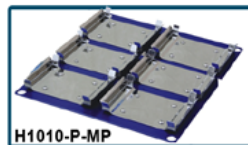




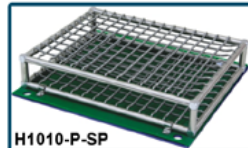
Incu-Shaker 10L
(H1010)



Incu-Shaker Mini
(H1001-M)



H1010-P-MP



H1010-P-SP



H1000-MR-1550

The new 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 (patent pending) 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.

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 -15 to 60°C (Increments of 0.1°C) |
| Temperature Uniformity: | +/- 0.25 % |
| Temperature Accuracy: | +/- 0.1 % |
| Shaking Speed Range: | 30 to 300rpm (Increments of 1rpm) |
| Shaking Orbit: | 19mm (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 | 170lbs / 78 kg |
| Electrical: | 120 or 230V, 50-60Hz |

Ordering Information

| | |
|----------|---|
| H1001-M* | Incu-Shaker Mini, includes standard rubber mat platform, 115V |
| H1010* | Incu-Shaker 10L, includes standard rubber mat platform, 115V |
| H1012* | 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 (9.5x11.5") |
| H1010-MR | MAGic Clamp universal platform, for Incu-Shaker 10L/LR (18x18") |
| 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, 50ml (H1000-MR: max. 20 / H1010-MR: max. 49) |
| H1000-MR-125 | Flask Clamp, 125ml (H1000-MR: max. 12 / H1010-MR: max. 36) |
| H1000-MR-250 | Flask Clamp, 250ml (H1000-MR: max. 8 / H1010-MR: max. 25) |
| H1000-MR-500 | Flask Clamp, 500ml (H1000-MR: max. 5 / H1010-MR: max. 16) |
| H1000-MR-1000 | Flask Clamp, 1000ml (H1010-MR: max. 9) |
| H1000-MR-2000 | Flask Clamp, 2000ml (H1010-MR: max. 5) |
| H1000-MR-MP | Microplate Clamp, (H1000-MR: max. 4 / H1010-MR: max. 6) |
| 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 15mL and 50mL tube racks |
| H1000-MR-CMB | Adjustable flask clamp for MAGic clamp platform, accepts 125ml (max. 36), 250ml (max. 25) or 500ml (max. 16) |

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

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 |