

Orbi-Shaker™ CO2 with MAGic Clamp™ Rubber Mat Platform

The new Orbi-Shaker CO2 series is designed for shaking, mixing& aeration applications in extreme environments, including CO2 incubators. It can withstand temperatures from 0 to 60°C and humidity levels up to 100%.

Rating: Not Rated Yet

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Manufacturer [Benchmark Scientific](#)

Description

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Description

The new Orbi-Shaker CO2 series is designed for shaking, mixing& aeration applications in extreme environments, including CO2 incubators. It can withstand temperatures from 0 to 60°C and humidity levels up to 100%.

To avoid contamination, unintentional release of gas or deviations from protocol, all settings are adjusted via the included remote control module. This module can be stored outside of the chamber and connects to the shaker via a flat (1mm thickness) cable, that easily passes through a port or underneath an incubator door without compromising the seal. This allows for user adjustment of run time or mixing speed without opening the chamber door(s).

The instrument is supplied with a non-slip rubber mat platform. In addition, convenient MAGic Clamp™ platforms (of multiple sizes) are also available for use with Erlenmeyer flasks and test tube racks. The unique magnetic attachment method (PATENTED) has been widely recognized as the easiest way to instantly change between flask clamps of different sizes.

Benefits of the Orbi-Shaker™ CO₂:

- Remote Controlled to allow adjustments to the settings without ever opening the door and disrupting the CO₂ environment.
- MAGic Clamp™ - Instantly position flasks, micro plate holders, test tube racks and other vessels.
 - No tools required.
 - Maintains its grip at the highest setting (300 rpm).

- Variable speed range from 30 to 300 rpm (1 rpm increments).
- Withstands temperatures from 0 to 65°C and humidity levels up to 100%.
- Unique 19mm orbital movement for optimal aeration and mixing.
- 2 year manufacturer's warranty.

Technical Data

| | |
|-------------------------|---|
| Speed: | Variable, 30 to 300 rpm |
| Orbit: | 19mm |
| Max. Capacity: | 5 x 1L (14 lbs / 6 kg) |
| Speed Increment: | 1 rpm |
| Platform Dimensions: | 13 x 12 in./ 33 x 30 cm (Included) 14 x 12 in./ 35 x 30 cm (MAGic Clamp) |
| Cord Length: | 60.5 in. / 154 cm |
| Operating Temp. Range | 0° to +65°C |
| Dimensions: (w x d x h) | 11 x 13 x 3 in. 28 x 33x 7.5 cm |
| Weight: | 25 lbs (11.25kg) |
| Electrical: | 120V or 230V, 50-60Hz 600W |
| Warranty: | 2 Years |

MAGic Clamp™ Accessories

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|---------------------------------|--|
| Item No. | Description: |
| MAGic Clamp Flask Clamps | |
| H1000-MR- | ADJUSTABLE flask clamp, accepts 125ml, |

| | |
|---|--|
| CMB | 250ml & 500ml (max. 9x500, 14x250 or 24x125ml) |
| H1000-MR-50 | Flask clamp for H1000-MR, 50ml |
| H1000-MR-125 | Flask clamp for H1000-MR, 125ml |
| H1000-MR-250 | Flask clamp for H1000-MR, 250ml |
| H1000-MR-500 | Flask clamp for H1000-MR, 500ml |
| H1000-MR-1000 | Flask clamp for H1000-MR, 1L |
| H1000-MR-2000 | Flask clamp for H1000-MR, 2L |
| H1000-MR-MP | Clamp for H1000-MR, 1xmicroplate |
| MAGic Clamp Tube Racks | |
| H1000-MR-1550 | Tube Rack for H1000-MR, 30x15ml & 20x50ml, max. 2 |
| H1000-MR-T15 | Tube Rack for H1000-MR, 32x15ml, max. 3 |
| H1000-MR-T50 | Tube Rack for H1000-MR, 15x50ml, max. 3 |
| H1000-MR-T50 | Tube Rack for H1000-MR, 15x50ml, max. 3 |
| H1000-MR-T600 | Bottle Rack for H1000-MR, 4x500ml, max.1 |
| H1000-MR-T15H | Bottle Tube for H1000-MR, 12x1.5/2.0ml, horizontal |
| H1000-MR-T150H | Bottle Tube for H1000-MR, 4x15ml, horizontal |
| H1000-MR-T500H | Bottle Tube for H1000-MR, 2x50ml, horizontal |
| H1000-MR-TSR | Tilted holder for 15ml and 50ml tube racks, max 3 |
| For the maximum flask/tuberack capacity, please view the product literature. | |

Reviews

There are yet no reviews for this product.

