



Providing Flexible Solutions for Rapid High-Throughput Sample Processing

The HT (High Throughput) Lysing Bead Mill Lab Homogenizer offers efficient solutions for all of your grinding, lysing, pulverizing, mixing and homogenizing sample preparation applications. High-throughput processing is ideal for multiple sample and tube configurations. Easy-to-load tray securely locks the microplate or tube in place. High speed linear motion processes samples quickly. Flexibility to use OHAUS sample tubes or any other brand.

Standard Features Include:

- **Flexibility to Handle Multiple Samples & Tube Configurations**

HT Lysing Homogenizer is one of the most flexible models on the market. Process sample tubes, microplates, deep-well plates, or any format that will fit in the unit's holder—no costly accessories needed.

- **Take the Guesswork Out of Determining Optimum Speed/Time with 5 Pre-Set Programs**

Five preset programs optimized for speed and time helps take the guesswork out of creating the processing speeds and times for the most common samples including bacteria, fungi, plant & animal tissue.

- **Increased Efficiency With High-Throughput Sample Processing**

The HT Lysing Bead Homogenizer allows high-throughput processing, and is ideal for processing multiple tubes, microplates, deep-well plates etc.

HT Lysing Bead Mill Homogenizer

Model	HOHTDG
Speed Range	300 to 1600 rpm (1 rpm increments)
Motion	Reciprocal, 31 mm
Timer	1 second to 10 minutes (1 second increments)
Program 1	5 minutes @ 1500 rpm
Program 2	2 minutes @ 1500 rpm
Program 3	3 minutes @ 1300 rpm
Program 4	4 minutes @ 1500 rpm
Program 5	1 minute @ 1600 rpm
Capacity	1 deep well plate, 4 microplates, or any sample matrix that can fit in the 10.2 × 12.7 × 6.4 cm adjustable holder
Maxamim Capacity	300 g
Working Environment	5°C–40°C, 20%–85% RH, non-condensing
Dimensions (L × W × H)	44.6 × 28.6 × 51.8 cm
Net Weight	34 kg
Ship Weight	44.5 kg

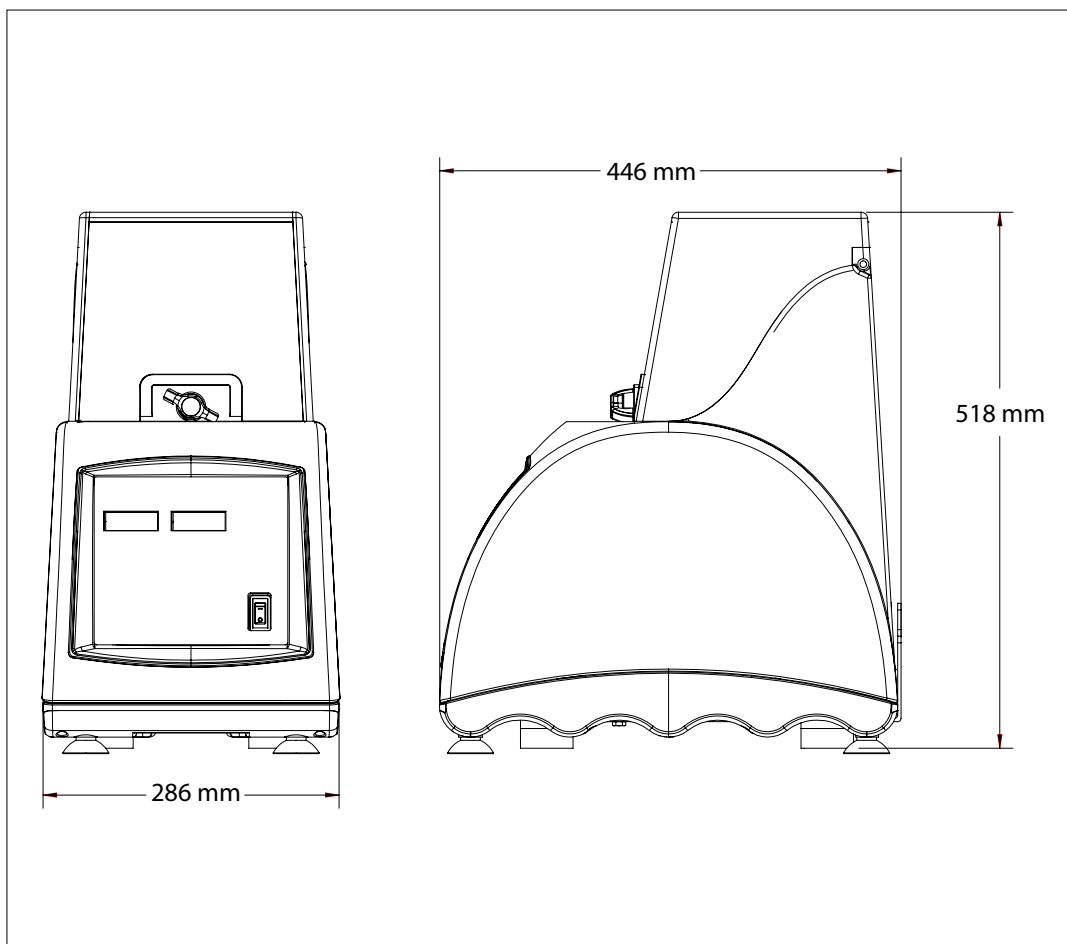
Compliance

- **Product Safety:** EN 61010-1, EN 61010-2-051, CAN/CSA C22.2 61010-1, CAN/CSA-C22.2 61010-2-051, UL 61010-1
- **Electromagnetic Compatibility:** EN/IEC 61326-1, ICES-003, FCC Part 15

Accessories

White, Bacteria, 2 mL skirted tube, DNase/RNase free, 100 µm Zirconium Beads, 100/box	30391402
Yellow, Yeast, 2 mL skirted tube, DNase/RNase free, 400 µm Zirconium Beads, 100/box	30391404
Blue, Fungi, 2 mL skirted tube, DNase/RNase free, 800 µm Zirconium Beads, 100/box	30391405
Orange, Soft Sample, 2 mL skirted tube, DNase/RNase free, 1.4 mm Zirconium Beads, 100/box	30391406
Green, Plant, 2 mL skirted tube, DNase/RNase free, 3 mm Zirconium Beads, 100/box	30391408
Red, Animal Tissue, 2 mL skirted tube, DNase/RNase free, 3 mm Stainless Steel Grinding Balls, 100/box	30391409
Brown, Environmental, 2 mL skirted tube, DNase/RNase free, 100 µm /800 µm/3 mm Zirconium Beads, 100/box ...	30391410
Tube Rack, 25 × 2 ml Tubes, 2 per pack	30391431
Sample Tube Kit, 14 Tubes; 2 each of White, Yellow, Blue, Orange, Green, Red, and Brown	30391433

Dimensions



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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

