

## HG-400 MiniG® Tissue Homogenizer and Cell Lyser



- Small footprint that minimizes bench space
- Vigorous clamp movement results in increased yields
- Consistent vertical motion of the clamp ensures equal conditions for all samples
- Kryo-Tech® accessories are available to preserve temperature-sensitive samples

The HG-400 MiniG is the ideal solution for labs that want a powerful tissue homogenizer and cell lyser. It is equipped with an adjustable clamp that accommodates a full range of sample vials from 2 mL to 50 mL centrifuge tubes or up to two deep-well titer plates. It is specifically designed for cell lysis and tissue homogenization through bead beating, enabling fast and efficient extraction of nucleic acids, proteins and other molecules of interest.

### Features



Programmable  
LCD screen



Automated mechanical  
disruption through  
bead beating



Designed for vigorous  
up-and-down shaking



Easy  
data transfer

## Typical Applications Include

Tissue homogenization, DNA/RNA research and extraction, cell lysis, protein extraction, biofuel research, pesticide residue extraction using QuEChERS or the SweEt method.

## Sample Types Include



Plant Tissue



Animal Tissue



Fruit



Cannabis



Yeast

## Before & After Samples – Plant Tissue



## Specifications

Clamp Movement	3.2 cm (1.25 in) vertical
Clamp Speed	Adjustable from 500 to 1500 strokes/minute
Timer	Digital display in minutes:seconds (max 10:00)
Voltage	115 VAC, 60 Hz or 230 VAC, 50 Hz
CE Approved	Yes
Motor	1/7 HP
Dimensions (W x H x D)	28.6 x 54.6 x 43.2 cm (11.3 x 21.5 x 17.0")
Net Weight	22 kg (49 lb)
Power Cord	3-prong grounded plug for 115 VAC or 2-prong grounded plug for 230 VAC
Warranty	3 years

## Ordering Information

Description	Item Number
HG-400 MiniG Tissue Homogenizer and Cell Lyser, 115/230 VAC, 50/60 Hz	04500-08

## Need a Demo?

- Virtual sample processing – virtual demonstration of the equipment and sample processing
- Physical sample processing – physical testing of your sample with shared results
- Physical equipment testing – a demo unit can be sent to your facility to test before purchasing

Contact us today at [sampleprep@antylia.com](mailto:sampleprep@antylia.com) for details.

