

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 for details.