

## HG-250 Temperature Controlled GenoLyte® Compact Tissue Homogenizer and Cell Lyser



- Ideal for applications involving sample prep for DNA, RNA and protein extractions
- Modern design, quick-connect cooling setup
- Cycles can be programmed with rest periods
- Safety interlock and clamp orientation makes it easy to load/unload samples

The Chilled GenoLyte® is an efficient, compact laboratory homogenizer that uses a circulating chiller to maintain sample temperatures between 0 to 10° C while effectively disrupting cellular materials by horizontally oscillating 2 mL vials. Common samples include seeds, stems, roots, leaves, and animal tissue.

Operation is simple: the vials are secured in the sample cooling chamber, and the lid is closed. The controls are checked for the proper running time, rate, and the start button is pushed. When the run is complete, the lid is lifted and the vials are removed. The digital control panel allows you to set the timer in five-second increments; the timer sounds down in one-second intervals.

The vial holder accommodates three vials that are continuously cooled. A circulating chiller is required for continuous temperature control. The GenoLyte is compatible with Polystat® Circulating Baths or most circulating chiller systems. Purchase chiller and vials separately.

### Typical applications include:

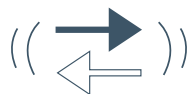
Tissue homogenization, DNA/RNA research and extraction, cell lysis, protein extraction, and biofuel research.

# HG-250 Temperature Controlled GenoLyte®

## Features



Automated  
bead beating



High-intensity  
oscillating motion



Safe for DNA, RNA  
& proteins



Programmable  
control panel

## Sample Types



Plant Tissue



Animal Tissue



Soil



Bacteria



Yeast

## Specifications

Voltage	115 VAC, 60 Hz or 230 VAC, 50 Hz
CE Approved	Yes
Motor	1/7 HP
Speed	Fixed: 2000, 2500, 3000 rpm
Capacity	2 mL
Dimensions (L x W x H)	38.0 x 20.5 x 30.0 cm (15 x 8 x 11")
Net Weight	11 kg (24 lb)
Power Cord	3-prong grounded plug for 115 VAC or 2-prong European plug for 230 VAC
Warranty	3 years

# HG-250 Temperature Controlled GenoLyte®

## Ordering Information

Description	Item Number
HG-250 GenoLyte Temperature-Controlled Compact Homogenizer Compact Homogenizer 115/230 VAC, 50/60 HZ	41010-94

## 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.

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