

# HG-200 GenoLyte®

Compact tissue homogenizer and  
cell lyser



## Ideal for small-scale sample preparation.

- Interchangeable sample vial holders hold vials ranging from 2 mL to 12 mL
- Speeds range from 750 to 4000 rpm for slow speed mixing to high speed homogenization for tough samples
- The GenoLyte is light and portable and can run off an external battery for in -the-field work
- Safety interlock stops the motor if the lid is opened during the homogenization process
- Clear lid allows you to see the grinding process

The HG-200 GenoLyte is the ideal solution for labs that want a compact, yet powerful tissue homogenizer and cell lyser. It is equipped with interchangeable sample vial holders allowing a variety of vial types from 2 mL to 12 mL. It is specifically designed for rapid cell disruption, cell lysis and tissue homogenization through bead beating, enabling fast and efficient extraction of nucleic acids, proteins and other molecules of interest.

## FEATURES

- Automated bead beating
- High-intensity oscillating motion
- Safe for DNA, RNA and proteins
- Programmable control panel

## APPLICATIONS INCLUDE

- Tissue homogenization
- DNA/RNA research and extraction
- Cell lysis
- Protein extraction
- Biofuel research

## SAMPLE TYPES INCLUDE

- Animal tissue
- Plant tissue
- Cell cultures
- Bacteria
- Yeast
- Stool
- Soil

## GenoLyte



HG-200 GenoLyte  
Tissue Homogenizer and  
Cell Lyser

### Before and Sample Samples – Yeast



### Specifications

Specification	HG-200
Type of mixer	Homogenizer, bead beater
Display	Digital
Motor	1/7 hp
Run timer	Maximum 5 minutes
Clamp speed	Fixed: 750, 2000, 3000, 4000 rpm
CE approved	Yes
Voltage	115/230 VAC, 50/60 Hz
Power cord	3-prong grounded plug for 115 VAC or 2-prong European plug for 230 VAC
Dimensions (W x D x H)	20.5 x 38.0 x 30.0 cm (8.0 x 15.0 x 11.0 in.)
Weight	10.4 kg (23 lb) with external power supply
Warranty	1 years

## Ordering Information

Description	Item Number
HG-200 GenoLyte Compact Tissue Homogenizer and Cell Lyser, 115/230 VAC, 50/60 Hz	1200

For additional information or to request a quote or demo, scan the QR code or visit [spexsampleprep.com](https://spexsampleprep.com)



### 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@coleparmer.com](mailto:sampleprep@coleparmer.com) for details.

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