

## HG-800 Geno/Grinder®

### Automated Tissue Homogenizer and Cell Lyser



- Integrates with automated robotic systems
- Enables increased throughput, improved extraction efficiency and reproducibility
- Ideal for the isolation of nucleic acids (RNA/DNA), enzymes, yeast, proteins, viruses, and bacteria
- Accommodates all standard titer plates
- Complete cycle time is less than two minutes

The HG-800 Geno/Grinder is an automated plant and animal tissue homogenizer and cell lyser that integrates with automated, robotic systems. It has the same vigorous, vertical grinding motion as the HG-600 (Geno/Grinder 2010). The average processing time for each cycle is two minutes or less. Versatile clamp accommodates titer plates, vials, and all standard SPE plates.

This automated homogenizer is ideal for high-throughput processing of agricultural, biological, environmental, and clinical samples. It allows users to run one or two preloaded stacked titer plates simultaneously. Samples can be pulverized with or without a buffer using a variety of grinding media.

#### Features



Automated  
bead beating



Designed for vigorous  
vertical grinding



Ideal for isolation of  
DNA, RNA & proteins



Cycle time is complete in  
two minutes or less

# HG-800 Geno/Grinder®

## Sample Types Include



Plant Tissue



Animal Tissue



Fruit



Microorganisms



Yeast

## Specifications

Clamp Movement	3.18 cm (1.25 in) vertical
Clamp Speed	500 to 1750 strokes/minute
Voltage	115 VAC, 60 Hz or 230 VAC, 50 Hz
Motor	3-phase servo motor
Dimensions (L x W x H)	32.8 x 48.0 x 91.2 cm (12.9 x 18.9 x 35.9")
Net Weight	58.5 kg (129 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-800 Automated High-Throughput Homogenizer with Clamp for One Microwell Plate	04575-42
HG-800 Automated High-Throughput Homogenizer with Clamp for Two Microwell Plates	61031-68

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