

1600

MiniG™

Mixing and
Blending 

Grinding and
Pulverizing 

POWERFUL, MINI TISSUE HOMOGENIZER



The MiniG™ is the ideal solution for labs that want a compact yet powerful tissue homogenizer. It has been created for applications requiring sample preparation for DNA/RNA and protein extractions as well as pesticide residue analysis.

TYPICAL SAMPLES

Plant and animal tissue, cell cultures, seeds, yeast, roots, leaves and bacteria.

FEATURES

- • 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.
- • Light & portable with a small footprint that minimizes bench space.



WATCH THE VIDEO!

Scan this QR code with your smartphone or visit www.youtube.com/sampleprep.



1600 MiniG™

Specifications

1. Window in lid allows you to see the grinding process.
2. Lid has a safety interlock switch that stops the motor if the lid is opened during the grinding process.
3. Easy-to-use clamp keeps samples secure during the shaking process.
4. Clamp typically holds up to 2 titer plates or 48 x 2 mL vials or 48 x 5 mL vials when stacked.
5. LCD display screen shows run times in minute: second format.
6. Rate and timer controls allow you to adjust speed and set time.
7. Start and stop buttons allow you to start and stop the grinding process.

Voltage	115V/60Hz or 230V/50Hz	Power Cord	3-prong grounded plug 115V / 60Hz. 2-prong european cord for 230V / 50Hz.
CE Approved	Yes		
Dimensions	21.5 in. (54.6 cm) high x 11.25 in. (28.6 cm) wide x 17.0 in. (43.2 cm) deep	Clamp Movement	1.25 in. (3.2 cm) vertical
Weight	40 lbs. (18 kg)	Clamp Speed	Adjustable from 500 to 1500 strokes/minute
Motor	1/7 HP	Timer/Controls	Digital display in minutes & seconds, maximum 10:00

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