



C3 PROZESS- UND  
ANALYSENTECHNIK GmbH

PRODUKTINFORMATION

# SPEX SamplePrep 1600 MiniG<sup>®</sup>

Zellaufschlussmühle

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](http://www.youtube.com/sampleprep).

SPEX® 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.

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

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