



1600 MiniG[®]

- Light and portable with a small footprint that minimizes bench space
- 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



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4773K.2

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Spex SamplePrep is an Antylia Scientific company. Find out more at antylia.com.



1600 MiniG[®]

Automated Tissue Homogenizer and Cell Lyser

The 1600 MiniG[®] is the ideal solution for labs that want a compact yet powerful tissue homogenizer and cell lyser. It is equipped with an adjustable clamp that accommodates a full range of sample vials from 2 mL to 50 mL centrifuge tubes or up to two deep-well titer plates. It is specifically designed for cell lysis and tissue homogenization through bead beating, enabling fast and efficient extraction of nucleic acids, proteins and other molecules of interest.

Typical applications: tissue homogenization, DNA/RNA research and extraction, cell lysis, protein extraction, biofuel research, pesticide residue extraction using QuEChERS or the SweEt method.

Typical samples: animal tissue, plant tissue, cell cultures, fruit, cannabis, seeds, yeast and bacteria.

Before & After Samples

Plant Tissue



Programmable LCD screen



Automated mechanical
disruption through bead
beating



Designed for vigorous
up-and-down shaking



Easy data transfer

Specifications

1600 MiniG

Clamp Movement	1.25 in (3.2cm) vertical
Clamp Speed	Adjustable from 500 to 1750 strokes/minute
Timer	Digital display in minutes:seconds (max 20:00)
USB Port	Run history is recorded and can be exported
Voltage	115 V/60 Hz or 230 V/50 Hz
CE Approved	Yes
Dimensions	14 in (35.6 cm) wide x 22.5 in (57.2 cm) deep x 28 in (71.1 cm) high
Net Weight	100 lb (45.5 kg)
Motor	1/2 hp
Power Cord	3-prong grounded plug, 115 V/60 Hz or 2-prong grounded plug, 230 V/50 Hz

Ordering Information

EQUIPMENT	
Product Name	Part Number
1600 MiniG	1600



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