



PRE-LOADED VIALS FOR THE GENO/GRINDER®



Geno/Grinder® is the ultimate plant and animal tissue homogenizer.

- :: Fully adjustable clamp holds up to six 96-well titer plates, 96 x 2mL vials and up to sixteen 50 mL vials.
- :: Typical grinding times of less than 2 minutes.
- :: Full range of Kryo-Tech® accessories for temperature sensitive samples.
- :: Clamp speed adjustable from 500-1750 strokes per minute.

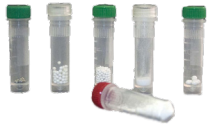
PRE-LOADED VIALS are available for fast and efficient sample preparation

SPEX SamplePrep's pre-loaded 2 mL vials are designed for a wide range of samples including:

- Bacteria
- Leaves
- Plant Tissue
- Molds & Pollen
- Yeast
- Animal Tissue

These pre-loaded disposable vials are the ideal solution for fast and simple setup. They reduce your sample preparation and clean up time. The Geno/Grinder® can run up to 96 vials simultaneously.

Our Kryo-Tech accessories are perfect for preserving RNA and proteins during the sample preparation process.



GENO/GRINDER® VIAL SETS

PART NUMBER	2 ML VIAL SET	DETAILS
2301-100MB	100 µm Zirconium Beads (1200mg)	Economical bead for disrupting bacteria.
2302-1400AW	1.4 mm Zirconium Beads	Suitable for small tissue samples and biomass.
2303-MM1	Garnet & ZrO Satellites	General Sample Shredding.
2303-MM2	800 micron & 1.4 mm Zirconium Beads	Mycelium & Soft Leaves.
2303-MM3	100 micron Si, 1.4 mm Zr, & 4 mm Si	Biofilms & Plant Tissues.
2304-100AW	100 µm Silica Beads	Suitable for Bacteria.
2302-100AW2	100 µm Zirconium Beads	Zirconium beads are of higher density; excellent for bacterial disruption.
2302-200AW	200 µm Zirconium Beads	Size is ideal for bacteria, small yeasts (e.g., Pichia). Zirconium is high density.
2304-400AW	400 µm Silica Beads	Size is ideal for yeasts such as Saccharomyces.
2304-800AW	800 µm Silica Beads	Size is suitable for molds and pollen.
2302-1000AW	1.0 mm Zirconium Beads	Beads are suitable to disrupt finer soils.
2302-1700AW	1.7 mm Zirconium Beads	Effective for larger tissue samples and fine plant materials.
2305-2800SS	2.8 mm Stainless Steel Grinding Balls	Most dense of all the grinding media, stainless steel balls are popular for their moderate cost and wide range of sizes. Good for tissues.
2302-3000AW	3.0 mm Zirconium Beads	Good for larger tissue samples. Excellent chemical resistance to organics.

© SPEX SamplePrep 2016

Corporate Headquarters

65 Liberty Street
Metuchen, NJ 08840
Ph: (732) 623-0465

Fax: 732-906-2472
www.spexsampleprep.com
sampleprep@spex.com

European Division

SPEX Europe
2 Dalston Gardens,
Stanmore, HA7 1BQ, UK

Tel: +44 (0) 208 204 6656
Fax: +44(0) 208-204-6654
www.spexeurope.com
spexeurope@spex.com