

6875D FREEZER/MILL®

Tissue Homogenization
and Cell Lysis



Grinding and
Pulverizing



HIGHER THROUGHPUT FOR CRYOGENIC GRINDING



The 6875D Freezer/Mill® is a high-throughput, dual chamber cryogenic grinder with a self-contained liquid nitrogen tub and insulated case. It chills samples in liquid nitrogen then pulverizes them with a magnetically driven impactor. It accommodates samples in the 0.1 gram to 200 gram range (100 per grinding chamber.)

TYPICAL SAMPLES

Typical samples include plant & animal tissue, seeds, polymers, pharmaceuticals, food products, electronic components, textiles, hair, teeth and bone.

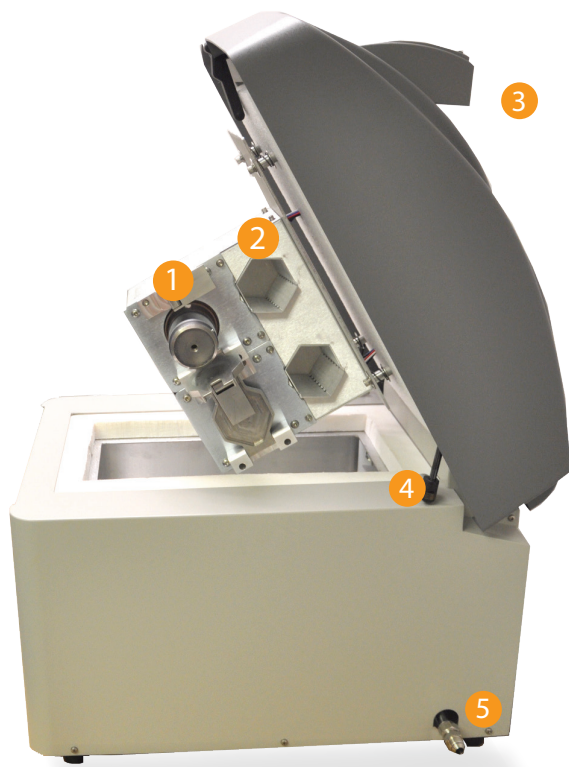
FEATURES AND BENEFITS

- Dual grinding and cooling chambers allow you to pre-cool and grind 2 sets of samples simultaneously.
- Sample vials maintain low level temperatures due to continuous immersion in liquid nitrogen.
- Heat sensitive metabolites, isomers and complex molecules retain their composition as they are not degraded by heat or pressure.
- Sample vials reach liquid nitrogen temperature in minutes.
- Touch-screen interface for easy usage.
- Maintenance-free design with only one moving part.



WATCH THE VIDEO!
Scan this QR code with your smartphone
or visit www.youtube.com/sampleprep.

SPEX® Europe™
WWW.SPEXSAMPLEPREP.COM/FREEZERMILL



NEW TOUCH SCREEN

Touch screen stores up to 20 user-defined grinding programs for easy quick recall. The new high resolution display is user-friendly and includes the following features:

- • Run history which is uploadable to a thumb drive via USB
- • Training videos and manuals that can be viewed on the screen.
- • A complete listing of accessories

SPECIFICATIONS

1. Dual grinding chambers accommodates a total of 200 grams of sample. (100 grams per chamber.)
2. Dual pre-cooling chambers keeps samples at the appropriate temperature while other samples are grinding.
3. Removable control panel with touch screen interface for ease of use. Stores up to 20 grinding protocols.
4. Safety features include LN sensor and lid interlock. The grinding process will stop if the lid is opened while running.
5. Comes with auto-fill attachment for liquid nitrogen but also has the ability for manual fill.

Voltage	115V/60HZ or 230V/50HZ	Power Cord	115V/60HZ version: 3-prong grounded plug 230V/50HZ version: 2-prong European plug
Weight	78 lbs. (35.38 Kg)		
Dimensions	20 in. (50.8 cm) x 21 ½ in. (53.34 cm) x 25 ½ in. (64.77 cm)	CE Approved	Yes

To access application notes for the Freezer/Mill, please visit www.spexsampleprep.com/appnotes

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