

6775 & 6875 FREEZER/MILL®

Grinding and
Pulverizing



Tissue
Homogenization
& Cell Lysis



BECAUSE BREAKING UP IS HARD TO DO...



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SPEX SamplePrep's Freezer/Mills® are cryogenic laboratory mills that chill samples with liquid nitrogen then pulverizes them with a magnetically driven impactor. They are recognized as the world's most effective laboratory mills.

TYPICAL SAMPLES

Plant and animal tissue, plastic and polymers, yeast, pharmaceuticals, food products, electronic components, textiles, hair & bones.

FEATURES AND BENEFITS

- • Sample vial maintains 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.
- • Touch-screen interface for easy usage
- • Sample Vial reaches liquid nitrogen temperature in minutes
- • Maintenance-free design with only one moving part.
- • Backed by SPEX SamplePrep's 60 years of experience.



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

SPEX® SamplePrep
www.spexsampleprep.com/freezermill



TOUCH SCREEN PROGRAM

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

6775 FREEZER/MILL®

This small cryogenic grinder has a self-contained liquid nitrogen tub and insulated case. Grinds samples from 0.1 to 5.0 grams using one standard vial or one microvial set.



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6875 FREEZER/MILL®

This high-throughput cryogenic grinder has a self-contained liquid nitrogen tub and insulated case. Optional auto-fill system 6875A is available to automatically fill the bath with liquid nitrogen. It grinds samples from 0.1 to 100 grams using one large vial, four small vials or four microvial sets.



6875
FREEZER/MILL®

FEATURES AVAILABLE IN BOTH UNITS

1. Safety features include LN sensor and lid interlock. If lid is opened during the grinding process grinding will stop.
2. Closed grinding vial with impactor prevents sample cross-contamination. Grinding vials made of alternative materials are also available.
3. Liquid nitrogen is required for operation. The sample's temperature is maintained because it NEVER leaves the enclosed liquid nitrogen bath.

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

