



6970EFM

The latest advance in cryogenic grinding. Our 6970EFM Freezer/Mill® is a large capacity, high-throughput, cryogenic mill that accommodates samples from 0.5 - 100 grams (0.6 - 50 mL). It is specifically designed to grind through the toughest samples and temperature sensitive samples through the use of magnetically-driven impactors. The 6970EFM has dual grinding chambers for increased sample throughput. Chambers can be programmed for independent operation and different protocols, providing flexibility and speed. Click [here](#) to see the video.

Typical samples include: Plant & Animal Tissue, Seeds, Polymers, Pharmaceuticals, Food Products, Electronic Components, Textiles, Hair, Teeth and Bone

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FEATURES

- For samples that are impossible to grind at ambient temperature
- Backed by SPEX SamplePrep's 40 years of experience in cryogenic grinding

- Ideal for grinding bone, teeth, hair, tough plant and animal tissue, textiles, plastics, pharmaceuticals and more
- DNA/RNA extraction without shearing
- No loss of volatile compounds
- Samples are maintained at Liquid Nitrogen (LN) temperatures
- Vials can be cleaned or discarded to eliminate possibility of contamination
- Totally enclosed LN auto-fill system with no LN exposure
- CE Compliant
- Unique maintenance free design, only one moving part
- Entire system is controlled by a touch screen interface capable of storing up to 10 grinding programs for rapid process replication and consistency
- Grinding vials available in a range of sizes from 0.6 to 100g

SPECIFICATIONS

Dimensions	22.0in (56cm) high x 18.25in (46.4cm) wide x 17in (43.2cm) deep
Voltage	115V/60Hz or 230V/50Hz