

WOLF LABORATORIES

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Freezer/Mill® Model 6770



SPEX SamplePrep introduces the next generation in our line of cryogenic mills, complete with state of the art electronics, including: touch screen interface, a removable control panel and on board self diagnostics. These mills are used on samples normally considered difficult or impossible to grind at ambient temperatures: polymers, wood, bone, hair rubber, plant and animal tissue, etc. The Freezer/Mill embrittles samples by immersing the grinding vial in liquid nitrogen, and then pulverizes them with a magnetically driven impactor. Low temperatures are retained throughout, preserving structural and compositional aspects degraded or volatilized during room temperature grinding.

The Freezer/Mill has unlimited applications, including preparation of samples for DNA/RNA extraction from plant and animal tissue, recent or ancient skeletal material, trace-element analysis of hair, screening of asbestos containing materials, pharmaceutical research, diffraction studies of soft materials, food analysis, ceramics and glass and RoHS/WEEE applications.

Please contact our "grind" specialists to discuss your applications and to find out more about our free grinding and demo programs..

We are discontinuing our 6750 Freezer Mill and replacing it with our 6770. The discontinuance date is December 15th.