



NanoVault

OVERVIEW

The NanoVault provides a sound environment for larger AFM and SPM setups. With the same high quality build and performance known for Herzan enclosures, the NanoVault creates a perfect setup for users requiring a controlled environment.

Numerous custom upgrades are available to enhance the features of the NanoVault and create a personalized acoustic isolation solution.

FEATURES

- Designed for ultra-sensitive instruments and applications
- 11 layers of sound-damping material ensure broad frequency noise isolation
- Upgrades for environmental, usability and accessibility features available
- Ease of access and maneuverability allows research to become seamless

APPLICATIONS

- Larger SPM Systems (AFM, STM, NSOM, etc.)
- Product Testing
- High Precision Metrology
- Quality Assurance
- Large-scale Microscopy
- And More!



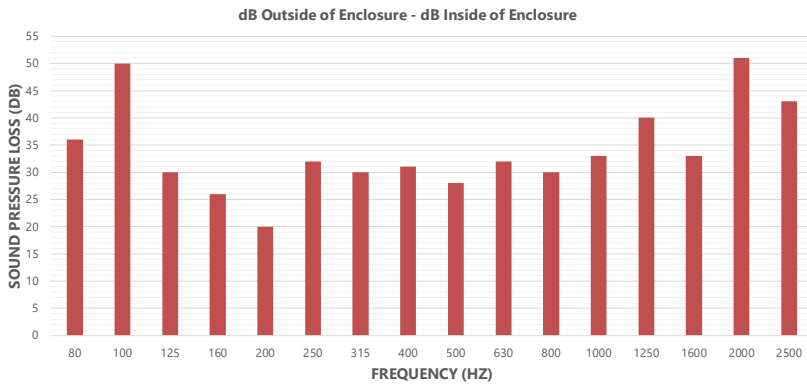
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PERFORMANCE

ACOUSTIC ISOLATION PERFORMANCE

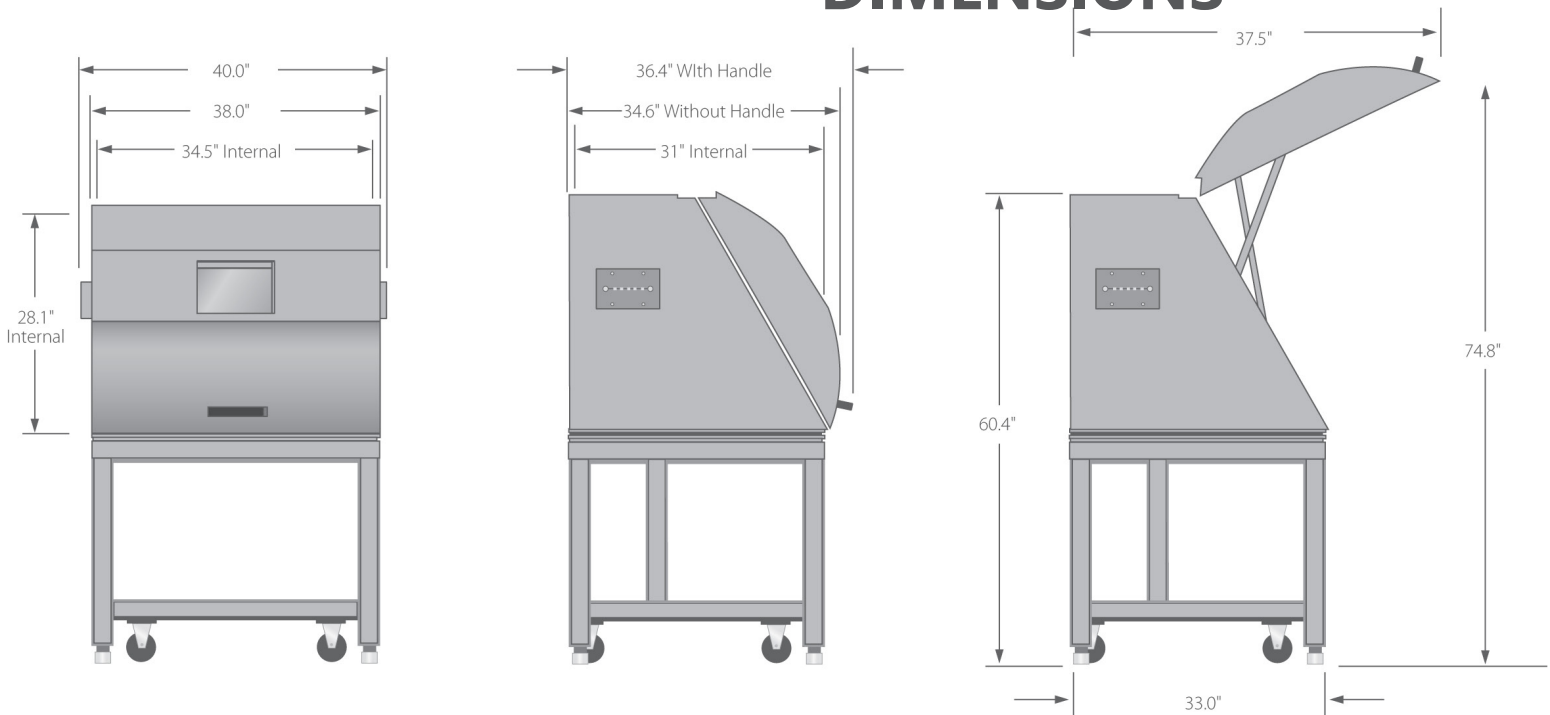


The multi-layered, variable density material lining the inside of the NanoVault allows for the highest performing acoustic isolation performance across a broad frequency spectrum.

Performance Details

- 50 dB of sound loss at 100 Hz
- 29 dB of sound loss at 500 Hz
- 35 dB of sound loss at 1,000 Hz
- 42 dB of sound loss at 1,500 Hz
- 50 dB of sound loss at 2,000 Hz

DIMENSIONS



Internal Dimensions (W x D x H): 34.5 x 31 x 28.1 inches / **External Dimensions (W x D x H):** 40 x 36.4 x 74.8 inches

POPULAR UPGRADE FEATURES

- Active or Passive Vibration Isolation
- Performance Upgrade
- NanoDamp Frame
- EMI Shielding
- Additional or Custom Cable Clamps
- Custom Sizes and Colors



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