



AEK-2002

High Performance Acoustic Enclosure

The quietest environment for your sensitive application.

PERFORMANCE

- Enclosure designed for **ultra-sensitive instruments and applications**
- **Eleven layers** of sound-damping material ensure isolation of high and low frequency noise
- **Sound Loss:**
 - 30 dB @ 10 Hz
 - 40 dB @ 100 Hz
 - 45 dB @ 1000 Hz
- Offers a quiet area for testing, even in noisy production environments

APPLICATIONS INCLUDE

- SPM (AFM, STM, NSOM, etc.)
- Product Testing
- Microscopy
- High Precision Metrology



AEK-2002 in use with an AFM, confocal microscope, and TS active isolation system.

FEATURES

- **Damped cable clamp** eliminates Parasitic Noise
- Front window provides **Easy Viewing**
- Precisely tuned door requires **Minimal Open and Close Force**
- Rigid frame provides **Added Stiffness**
- **Custom Sizes** available for a variety of instruments and applications



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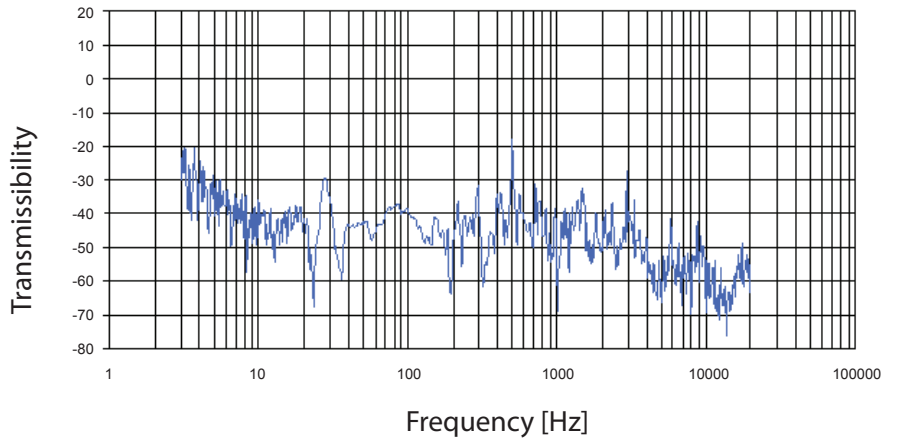
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High Performance Acoustic Enclosure

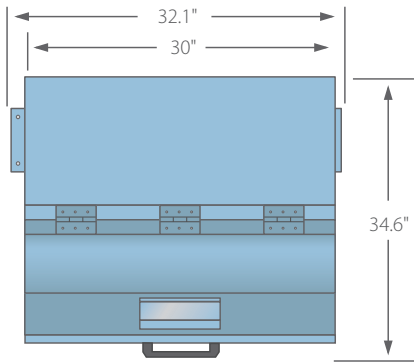
OPTIONS

- Custom Cable Clamp
- Automated door
- NanoDamp Frame
- Shelves and Mounts
- Openable Front Window
- Custom Sizes and Colors
- EMI Shielding

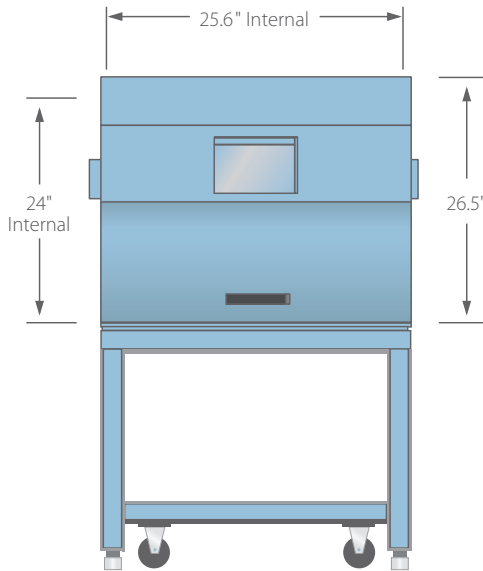
ACOUSTIC ISOLATION PERFORMANCE



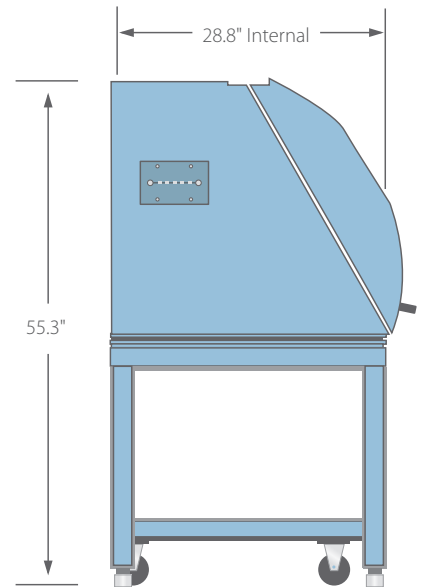
Top View



Front View



Side View



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