



AEK-2011

OVERVIEW

The AEK-2011 was jointly developed with end users and instrument manufacturers to make an enclosure multifaceted in its application and perfectly suited for any instrument requiring acoustic isolation.

With over 58 cubic feet of interior space, the AEK-2011 is a high quality enclosure designed to house larger SPM setups that include IO microscopes, lasers, cameras and other related equipment.

FEATURES

The AEK-2011 delivers the quietest environment for researchers to perform measurements. With carefully selected hardware and acoustic isolation materials, the AEK-2011 removes the necessity to compromise on instrument performance or data quality.

- Multiple layers of sound dampening material
- Stainless steel hardware
- Dense and rigid welded steel frame
- Removable side access door
- Removable roof and more!



APPLICATIONS

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



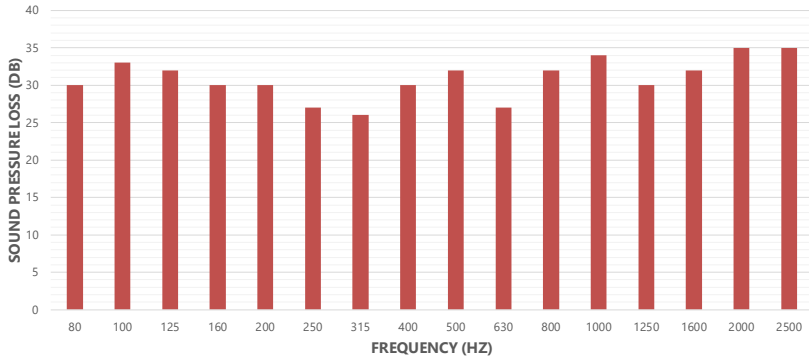
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PERFORMANCE

ACOUSTIC ISOLATION PERFORMANCE

dB Outside of Enclosure - dB Inside of Enclosure

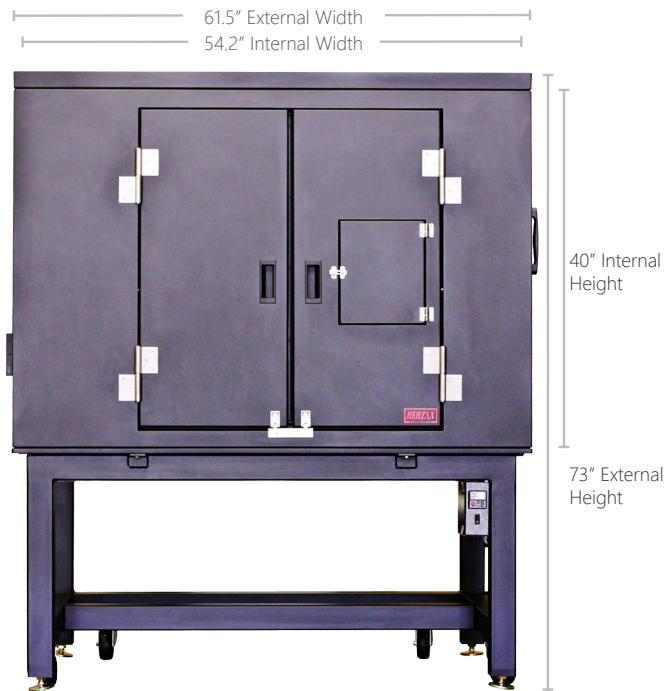


The multi-layered, variable density material lining the inside of the AEK-2011 allows for consistent and reliable acoustic isolation performance across a broad frequency spectrum.

Performance Details

- 33 dB of sound loss at 100 Hz
- 32 dB of sound loss at 500 Hz
- 34 dB of sound loss at 1,000 Hz
- 32 dB of sound loss at 1,500 Hz
- 35 dB of sound loss at 2,000 Hz

DIMENSIONS



Internal Dimensions: W 54.2" x D 37" x H 40" | **External Dimensions:** W 61.1" x D 40" x H 73"

POPULAR UPGRADE FEATURES

- Active or Passive Vibration Isolation
- Performance Upgrade
- Temperature Stability
- EMI Shielding
- Additional or Custom Cable Clamps and More!



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