



ELECTRON MICROSCOPE ACOUSTIC ENCLOSURE

OVERVIEW

Utilizing a modular panel design, Herzan's acoustic enclosures for electron microscopes provides the most acoustically sound environment possible, while being easy to operate and simple to maintain.

Each enclosure comprises of numerous variable density layers with carefully chosen high quality components to optimize acoustic dampening performance throughout the broad frequency spectrum.

Herzan carefully articulates the design of every EM acoustic enclosure to represent the specific needs of each application. Incorporating accessibility and form factor accommodations unique to each lab environment, Herzan's modular and paneled acoustic enclosures deliver a premier solution for a great value.

FEATURES

- Modular/Paneled Design for Maximum Performance and Utility
- Multiple Layers of Sound Dampening Material
- Multiple Cable Access Ports
- Three Double Access Doors
- Removable Caster Jacks for High Portability and Accessibility

APPLICATIONS

- Electron Microscopes (SEM/TEM)
- Large Metrology Tools
- Loud Semiconductor Equipment
- UHV-STM
- And More!

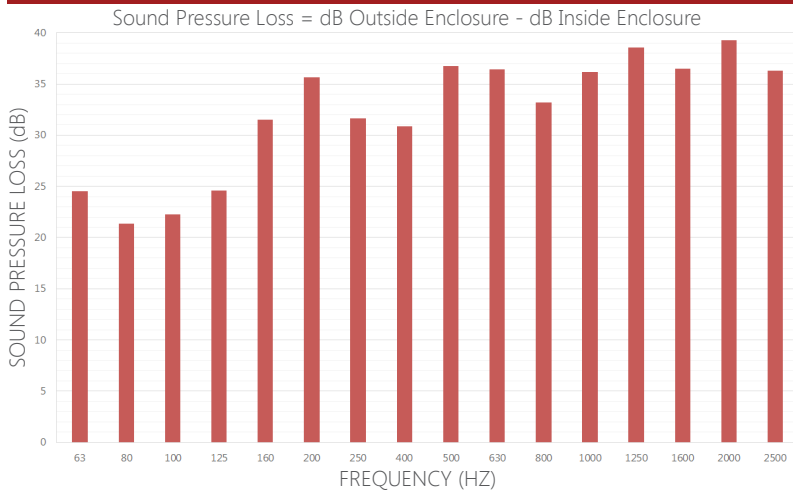


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PERFORMANCE

ACOUSTIC ISOLATION PERFORMANCE



The multi-layered, variable density material lining the inside of the EM Acoustic Enclosure allows for the highest performing acoustic isolation performance across a broad frequency spectrum. Materials can also be tailored to address specific frequencies within the operating environment.

Performance Details

- 23 dB of sound loss at 100 Hz
- 37 dB of sound loss at 500 Hz
- 36 dB of sound loss at 1,000 Hz
- 36 dB of sound loss at 1,500 Hz
- 39 dB of sound loss at 2,000 Hz



Internal view of enclosure: high quality hardware, 360° access, and industry leading performance

External Dimensions (W x D x H): 52 x 60 x 83.5 in. / **Internal Dimensions (W x D x H):** 48 x 56 x 80 in.

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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