

ACCURION

solutions for science

_acoustic noise isolation

halcyonics_acoustic
enclosure series



Acoustic Noise Isolation

halcyonics_acoustic enclosures series

ABSTRACT

As a useful accessory to our Active Vibration Isolation Systems, these Acoustic Enclosures are designed to match our isolation systems, but they fit also to your own setups. It protects your equipment setup from airborne noise emitted by air conditioning, venting, door slamming etc., enabling you to perform undisturbed experiments with your delicate and sensitive instrumentation. Acoustic Enclosures are available for all products and sizes.



FEATURES

- Five sizes available – plus customized versions
- Smooth gas pressure spring opening
- Easy access to your equipment through wide open, full width door
- Dampening over a wide frequency range
- One or more cable feed-troughs at customer specified locations
- broadband damping of acoustic noise through multi-layer construction

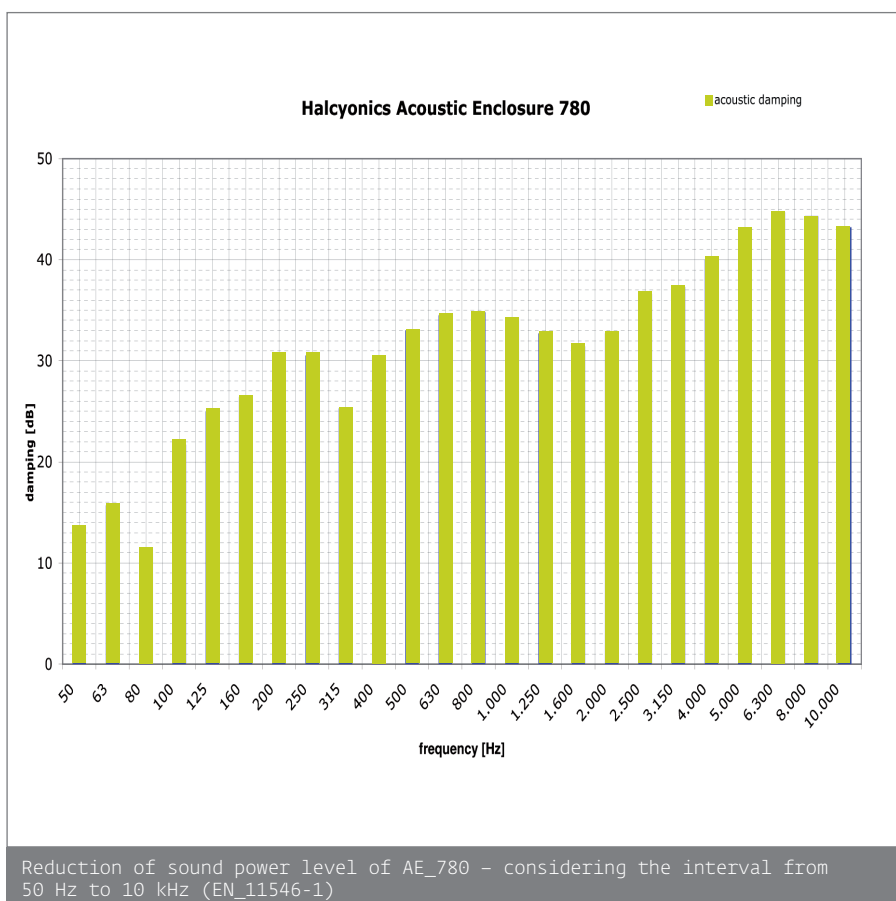
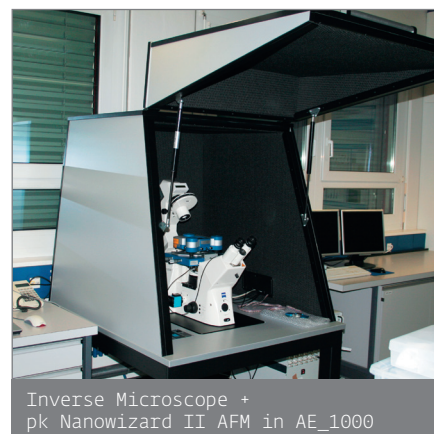
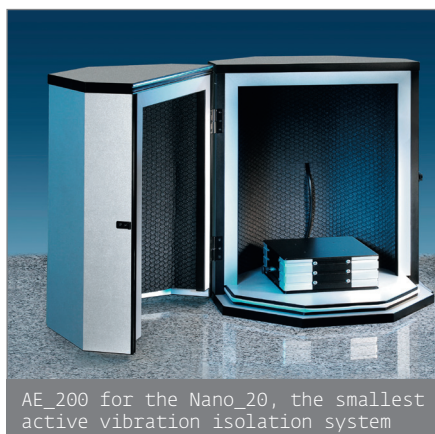
BENEFITS

- Dampening of acoustic noise over a wide range from under 50 to well above 10 kHz
- 4° wall inclination designed to avoid sound wave propagation
- Less weight than an unwieldy steel case
- Easy to install: setup the system within minutes
- Qualified service: for standard and customized solutions: factory trained personnel will support you in finding the optimal solution for your specific acoustic isolation task
- Rapid delivery allow you to start your work right away and shorten the time to publish your results.
- Service hubs in Europe, US and Asia for fast support

APPLICATIONS

Applications for the Acoustic Enclosures Series include:

- AFM/SPM
- Inverse Microscopy with additional AFM
- NSOM/SNOM
- Ultra-precise Scales
- Sensitive Laser setups
- ... and many more



OPTIONS | RECOMMENDED ACCESSORIES

- Steel Support Frame
- one or more cable feedthroughs
- Base Board when used without Halcyonics_Workstation

