



Q-Box

Model ID: Q-Box



Q-Box shown with the optional base.

The **Q-Box** is the most cost effective and reliable product for reducing unwanted vibrations that degrade an AFM's resolution. Both structural and sound vibrations are filtered with the Q-Box's unique design.

- ▶ Isolates AFM from structural and sound vibrations.
- ▶ Unique design incorporates elastomer cords that are easily leveled
- ▶ Fabricated from rugged HDPE

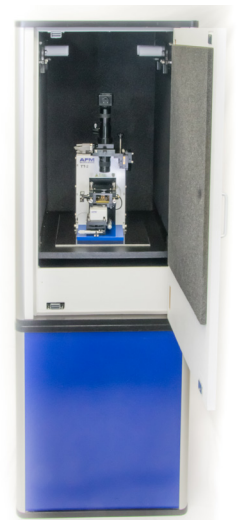
Structural Vibrations

Inside the Q-Box, the AFM rests on a platform that is suspended with elastomer cords. The platform is leveled with adjusters at the top of each of the four elastomer cords. This method for reducing vibration is historically considered the best approach, better, than passive and active vibration tables.

Sound Vibrations

The walls of the Q-Box, fabricated from 3/4" HDPE, are covered with 1" dampening foam. This combination gives reliable sound reduction inside the Q-Box. The HDPE structure is not susceptible to chemical and environmental degradation.

Note: The Q-Box serves as filter of structural and sound vibrations. Best AFM images are always measured in a vibration free environment.



Photograph of the Q-Box with a TT-2 AFM inside.

Specifications

	Q-Box	Base
Width	21.5"	21.5"
Depth	21.5"	21.5"
Height	36"	24.5"
Weight	100 lb	50 lb