

AMH series high load workstations

High Performance anti vibration tables for heavy instruments



AMH-90x90

Type	Performance	Surface	Isolation	Application
AMH-75x75	Scientific	Stainless / White	1Hz active air	Heavy instruments
AMH-90x75	Scientific	Stainless / White	1Hz active air	Heavy instruments
AMH-120x75	Scientific	Stainless / White	1Hz active air	Heavy instruments
AMH-90x90	Scientific	Stainless / White	1Hz active air	Heavy instruments

- Active isolation table for heavy instruments up to 500kgs standard or 1500kgs for Hi Spec versions
- 1Hz high performance rolling diaphragm damped air isolator design removes 98 percent of vibrations at 15Hz
- Double top skin and damped top plate construction eliminates surface vibrations
- Stainless steel worksurface meets stringent cleanliness requirements and is resistant to almost all forms of chemical attack
- High rigidity worktop with aluminium honeycomb core ensures highest stiffness to weight

These workstations are designed for heavy instruments such as electron microscopes , cryostats , hardness testers , profilers , interferometers, spectrometers among many others. They comprise a highly rigid platform supported on a very strong frame with built in ultra low frequency 1Hz active damped self-levelling air isolators. The platform features a seamless construction in stainless steel, which makes it both highly durable asnd easy to clean. It is suitable for biohazard areas and clean rooms. A wide range of sizes and options is available.



AMH-120x75



AMD-FH-90x75

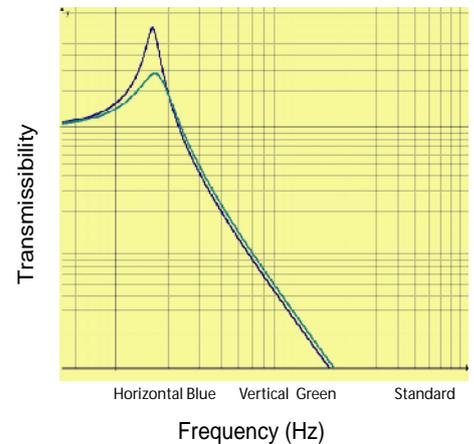
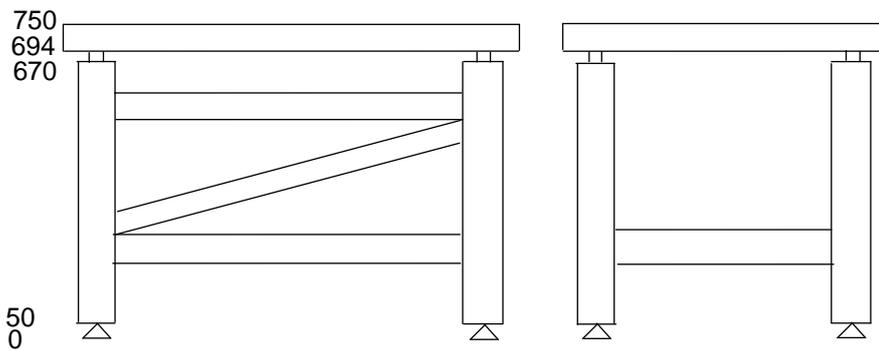


AMTS-90x90

Product Details

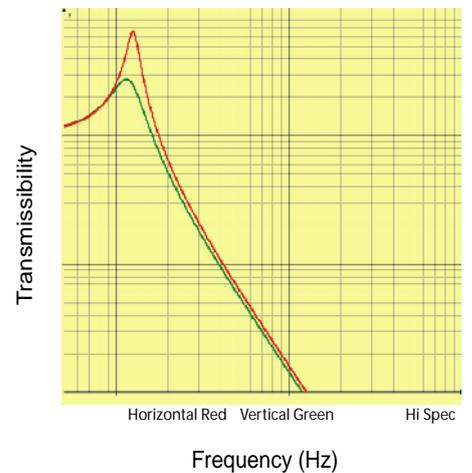
The AMH isolators are available in two versions, the standard series have load capacity of 500kgs and a natural frequency of 1.5Hz whereas the Hi-Spec versions have a load capacity of 1500kgs each and a vertical natural frequency of 1.1Hz. The table top construction features steel skins laminated to a close cell aluminium honeycomb core which combines high stiffness to weight with high damping to give excellent dynamic rigidity. Core thickness is standard 50mm or 100mm optional. The surface is ferromagnetic steel satin silicon finished to Ra of 0.3 with optional double sealed M6x25mm fixing hole pattern. The AMH tables are available in a range of sizes. Working surfaces is DP Stainless as standard with ferromagnetic stainless optional. The isolators are built into the frame legs which are from box section steel, welded and powder coated in RAL9016 white

Dimensions mm's



Specifications

Dimensions (LxWxH) mm's	750x750x750; 900x750x750 1200x750x750; 900x900x750
Load capacity	600kgs (1500kgs Hi-Spec)
Level adjustment	10 mm's
Isolators	4off air rolling diaphragm damped. Self levelling
Isolation performance	90 percent/ 95 percent high load
6Hz	98 percent/ 99 percent high load
15Hz	1.5Hz (1Hz Hi-Load option)
Natural frequency	
Surface finish	Powder white RAL9016
Worktop construction	Stainless top skins on honeycomb core
Frame	120x120 steel box powder coated white
Air supply	5 bar min. 10 bar max via 6mm airline
Shipping weight	180Kgs



Isolator performance

Options
 Ferromagnetic worktop
 Through hole
 Compressor