

AMF series active air isolation platforms

High Performance anti vibration platforms for microscopes



AMF-60x60-SS

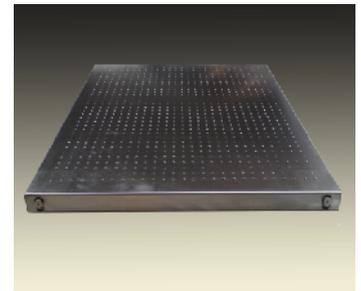
Type	Performance	Surface	Isolation	Application
AMF-Series	Scientific	Stainless/White	Active air	Microscopes

- Wide range of vibration isolation active air isolation platforms for performance microscopes in sizes from 40x50 to 150x90cm
- Unique air damped rolling diaphragm sub 2Hz frequency isolator removes up to 99 percent of vibrations
- A modular range of options allows you to configure tables to your own specifications
- Stainless steel version meets stringent cleanliness requirements and is resistant to almost all forms of chemical attack
- Sound deadened table construction eliminates unwanted surface vibrations

Our range of active isolation platforms is large enough to support most of the larger microscopes along with their support equipment. The air isolation platform effectively removes most vibrations while combining excellent stability. The rigid frame option has levelling feet which ensure the table is in excellent contact with the floor. The damped rolling diaphragm isolators have a low natural frequency of 2Hz which effectively isolates out vibrations above 6Hz well below the frequencies at which typical building vibrations begin to occur. A wide range of option includes: guard rails, monitor arms, castors, stainless surface and silent air compressors.



AMP passive air platforms



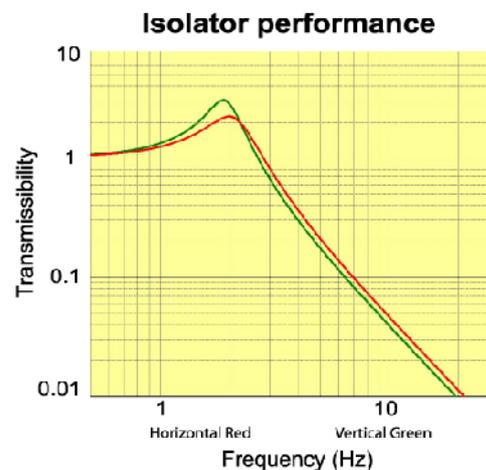
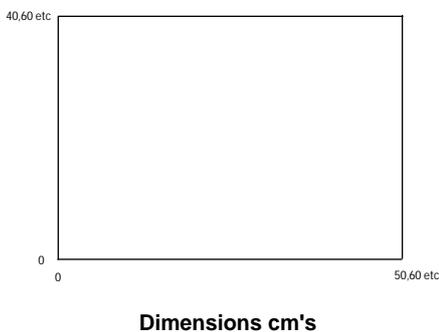
AMFH breadboard air platforms



AMD-MF series air tables

Product Details

The AMF platform series are self-levelling platforms that require a supply of compressed air. We offer a choice of compressors which supply clean dry air up to 4bar or at up to 20 litres/min. The air input is via a 6mm push fitting at the rear of the platform. We offer a wide range of accessories which include a frame with levelling feet, a frame shelf ,which drops onto the frame and guard rails, monitor arms and arm rests as well as a keyboard shelf that fits to the underside of the platform. Retractable castor feet are also optional



Specifications AMF-Series

Dimensions (LxWxD) cm's	
Tables	40x50,60x60,60x90,75x75,90x75,120x75,150x75 120x90 and 150x90
Platform working height mm's	60
Load capacity	100kgs
Level adjustment (mm's)	+/-3mm
Surfaces	Pharma satin silicon stainless steel Ra 0.25 micron
Isolators	4off damped rolling diaphragm active air self-levelling
Isolation performance	
50Hz	97 percent
100Hz	99 percent
Natural frequency	2Hz
Air supply	5 bar (max 10) via 6mm push-fitting
Working temperature	-20 to +160 deg C