

AMF Series active air isolation platforms

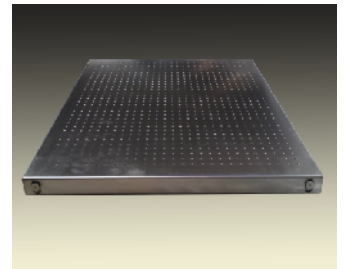
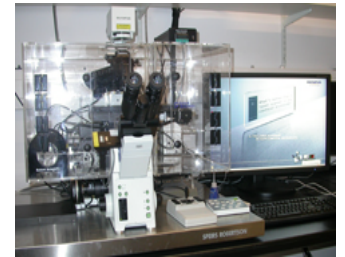
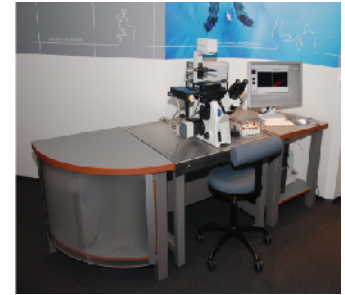
High Performance anti vibration platforms for microscopes



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

- Wide range of vibration isolation active air isolation platforms for performance microscopes in sizes from 60x60 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.



AM SERIES

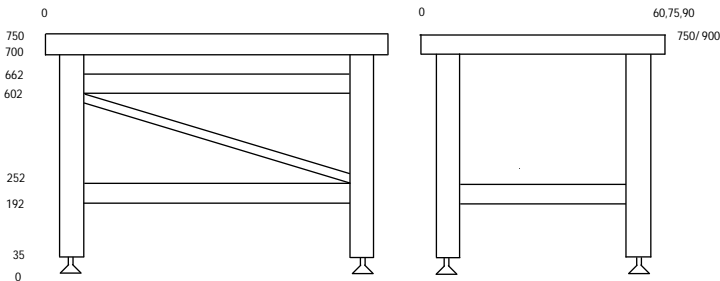
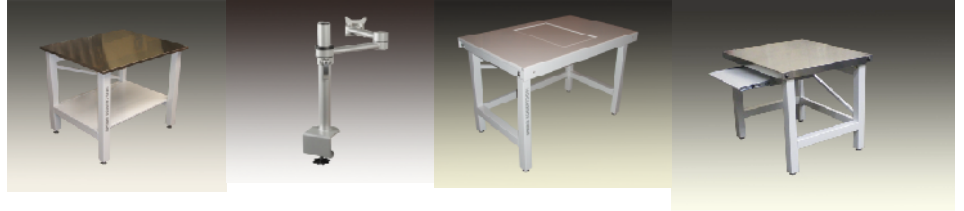
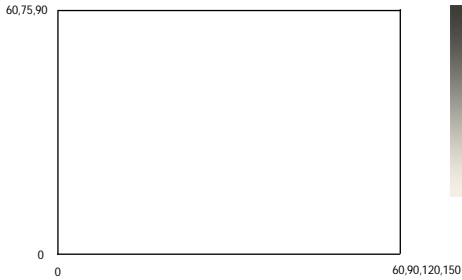
AMB SERIES

AMS SERIES

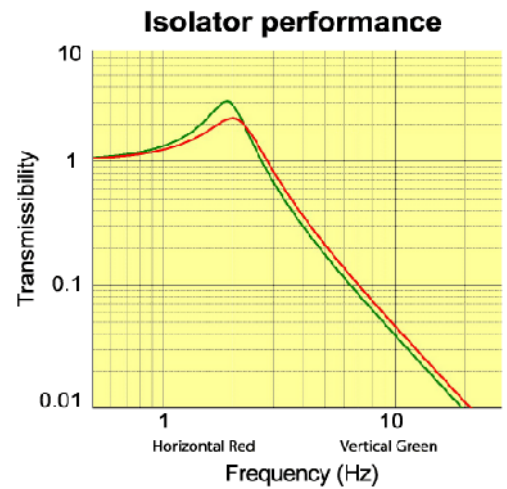
ALSC SERIES

Product Details

The AMF platform series is supported by a wide range of options. These include a full size shelf that fits over the frame struts, a computer arm that is adjustable and can be placed on the right or left side at the back. Guard rails to protect against accidental knocks and an arm rest bar that is height adjustable and attaches to the front, which is used with gel arm rests. A range of castor feet is available and also a compact silent compressor, which supplies clean dry air to the table.



Dimensions mm's



Specifications AMF platforms

Dimensions (LxWxD) mm's	
Tables	60x60,60x90,60x120cm 75x75,75x90,75x120,75x150cm 90x90,90x120,90x150cm
Platform working height mm's	60
Load capacity	100kgs
Level adjustment (mm's)	+/-15mm
Surfaces	white epoxy or stainless steel
Isolators	4off damped rolling diaphragm AMF- active air self-levelling AMP- passive air pump-up
Isolation performance	
50Hz	97 percent
100Hz	99 percent
Natural frequency	2Hz
Air supply	5 bar (max 7) via 6mm push-fitting
Working temperature	-20 to +160 deg C

Options

- SS Stainless worktop
- FH M6x25 fixing holes
- F01 Frame
- F02 Frame shelf
- F03 Platform guard
- F04 Platform shelf
- F06 Retractable castor feet
- F08 Arm rest bar
- F10 Monitor post
- F15 Gel arm rest
- F17 Keyboard shelf
- F27 Active area worktop
- C01 Silent compressor

