

## Anti-Vibration Tables and Platforms for Balances, Microscopes & Microtomes etc.

### Balance Platform AMS 30 x 45

British designed and manufactured

A high performance anti-vibration platform for analytical balances with a 30 x 45cm active area. The unique Sorbothane isolator design removes up to 98% of unwanted vibrations. Pharma grade stainless steel meets stringent cleanliness requirements and is resistant to most chemicals. The sound deadening layer construction eliminates surface vibrations.

The custom design and low natural frequency of the built-in isolators ensures that vibrations common in most laboratories are effectively removed maximising instrument performance.

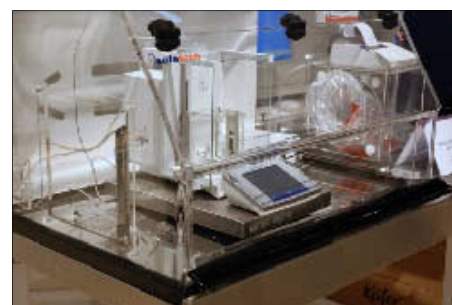
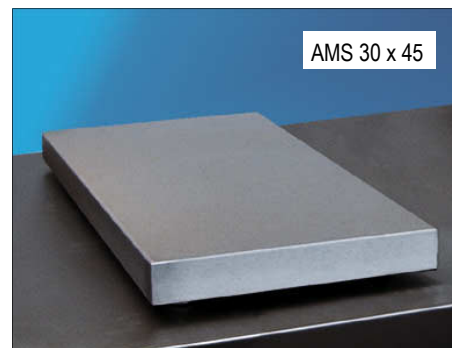
#### Specifications:

Dimensions LxWxD	450 x 300 x 55mm (18 x 12 x 2in)
Load capacity	25Kg/50lbs
Surfaces	Pharma grade S/S
Isolators	4 x Sorbothane (thermoset polyester based polyurethane)
Weight	12Kg/25lbs

#### Isolation performance:

50Hz	95%
100Hz	98%
Working temp	-20° to +160°C
Bacterial growth	None
Fungal growth	None
Heat ageing	Stable

T561 Balance platform AMS 30 x 45 each



### Microscope Platform AMC-7

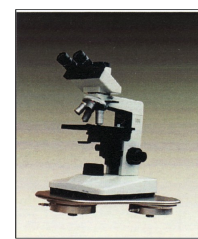
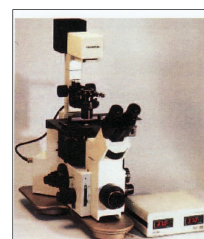
A high performance bench top anti-vibration platform with the following features:

- Contoured T shape ideal for microscope work
- Unique elastomer isolator removes up to 99% of vibrations
- Loads to 50Kg (75Kg option)
- No rocking or wobbling

These platforms are made from high grade steel parts welded together for rigidity and coated with a tough white epoxy powder finish which is resistant to most forms of biological and chemical attack. The isolators can also be easily removed for cleaning.

T568/25 Microscope platform AMC-7 25Kg capacity

T568/50 Microscope platform AMC-7 50Kg capacity



Underside of Platform  
showing Isolators



## Balance & Microscope Anti-vibration Workstation - Stainless Steel

The 30x45cm isolation area for the instrument removes up to 98 percent of unwanted vibrations and the 240 satin silicon stainless meets stringent cleanliness requirements and is resistant to almost all forms of chemical attack. The Stainless platform sits on four 7Hz Sorbothane isolators and this sound deadened construction outperforms simple steel and granite platforms.

The 75 x 75cm flush working area for support equipment will accept acoustic or laminar flow cabinets and the rigid steel frame with height adjustable levelling feet is easy to install and free from maintenance.

Ideal for 3 to 5 digit balances and research microscopes.

**T572** Balance & microscope anti-vibration workstation AMD-SS



## Microscope Workstation AMD-MP Passive Air

A microscope/microtome anti-vibration table 123 x 78 x 90cm containing a 120 x 75cm isolation platform. The surface finish is stainless steel and there are 4 air rolling diaphragm supports. These supports are pumped up manually and give long term performance. They can be pumped up at any time easily by hand with the pump supplied.

### Performance:

Isolation	97% at 50Hz 99% at 100Hz
Natural frequency	2Hz
Height adjustment	735 to 765mm
Weight	55Kg

Metal side and under shelves, LCD monitor post and arm rest bar are available as extras. Please ask for quotes. The castors shown in the image are for moving the table and are not normally recommended for use in situ.

**T563** Anti-vibration table AMD-MP



## Active Area Microscope Table AMD-MA

**A High Performance active air anti-vibration table for microscopes.** A 120 x 75cm isolation table for research microscopes with a unique damped rolling diaphragm sub 2Hz frequency isolator which removes up to 99% of vibrations. The built-in 35 x 55cm isolation area gives excellent stability and maximises work area. The surrounding worktop can be used without disturbing the microscope. The damped rolling diaphragm isolators have a low natural frequency of 2Hz which effectively isolates out vibrations above 6Hz well below which typical building vibrations occur. Requires a compact oil-free silent air compressor for the active plate which can run up to 5 tables. This and other options are available such as monitor arms, castors and Stainless Steel surface.

### Specifications:

Dimensions LxWxD	1230 x 780 x 900mm
Load capacity	100Kg
Level adjustment	± 30mm
Surfaces	White epoxy or Stainless Steel
Isolators	4x damped rolling diaphragm active air isolators

### Isolation performance:

50Hz	97%
100Hz	99%
Natural frequency	2Hz
Air supply	5 - 10 bar max via 6mm air line push fitting
Working temp	-20°C to +160°C
Weight	90Kg

**T562** Microscope table AMD-MA  
**C407** Silent air compressor

Full size metal shelf, computer shelf, side table, LCD monitor post, arm rest bar, articulated arm rests, gel arm rests and castors available as extras. Please ask for prices.

Silent oil-filled compressor  
C407



**We can offer anti-vibration solutions for most applications—please ask**