

Isolator natural frequency**Low Input**

Vertical 0.5 Hz (actively suppressed)
Horizontal 0.7 Hz

Isolation efficiency @ 1 Hz

Vertical = 65%
Horizontal = 15%

Net Load Capacity

580 lbs. (263 kg)

Finish

Medium texture black powder coat frame; stainless steel top.

Facilities required

3 CFM @ 80 psi air or nitrogen
120-240 VAC, 500W power supply

Features

- Hybrid active and passive vibration cancellation
- Ergonomic design, with a kneewell on the long side
- Available with either a smooth surface or a grid of tapped holes, either ¼-20 (imperial) or M6 (metric)
- CE marked
- Vibration isolation bandwidth 0.7-1000 Hz
- Advanced vibration sensor technology. Incorporates geophone type velocity sensors for sub-Hz performance. Better low frequency sensitivity than accelerometers.
- Ease of installation and setup featuring retractable casters and a roll-off crate.

Applications

- Atomic Force Microscopes
- Scanning Probe Microscopes
- Commercial Interferometers
- Electrophysiology Recording
- Semiconductor Inspection Equipment

State-of-the-art vibration isolation performance.

**CleanBench Aktiv Vibration Isolation Tables**

TMC's Active Vibration Isolation Table features state-of-the-art vibration isolation performance. Designed to isolate ultra-precision instruments from building floor vibration down to below 1 Hz, CleanBench Aktiv is ideal for optical microscopes, scanning probe microscopes, interferometers, and other surface metrology instruments.

It combines TMC's patented Everstill active vibration cancellation technology with our MaxDamp air isolators. While Everstill provides outstanding low frequency vibration cancellation starting at 0.5 to 0.7 Hz, MaxDamp provides aggressive higher frequency isolation. The result is a system that isolates better than even our industry standard CleanBench table across the entire frequency range of interest, 0-50 Hz.

Ordering Information

Part No.	TMC Air Table
TM-29-9012S	CleanBench Aktiv Vibration Isolation Tables
	Complete TMC product line available. Call or email for part numbers.

U.S./Canada prices shown. International prices add 15%. Email or visit web store for latest prices.

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