

# HERZAN

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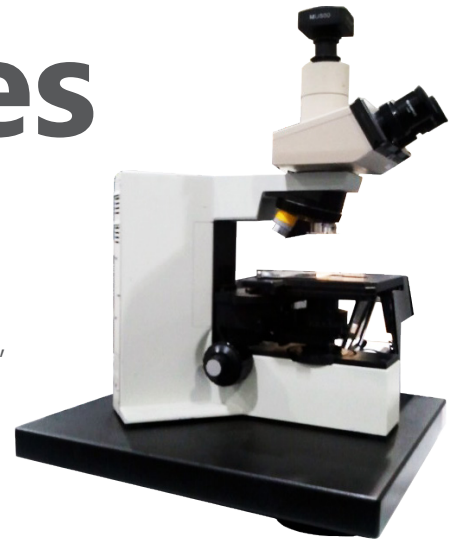
Acoustic, Vibration, and  
EMI Isolation Specialists

## Onyx Series

### Overview

An elegant combination of high-value and high-performance. The Onyx Series vibration isolation tables are designed to isolate sensitive microscopes and research equipment from vibrations caused by foot traffic, HVAC systems, nearby operating machinery, and more.

The Onyx Series is the perfect solution for users needing a low-profile table that can integrate seamlessly onto an existing tabletop, saving valuable lab space for future research equipment.



*Onyx-6M table supporting a compact AFM mounted to a light microscope*



### Product Highlights

- Isolates vibrations using pneumatic isolators
- High stiffness and rigidity for maximum isolation
- No electricity, special hardware, or tools required
- Low profile tabletop design (2.3" tall), saving lab space
- Cost-effective solution compared to workstations

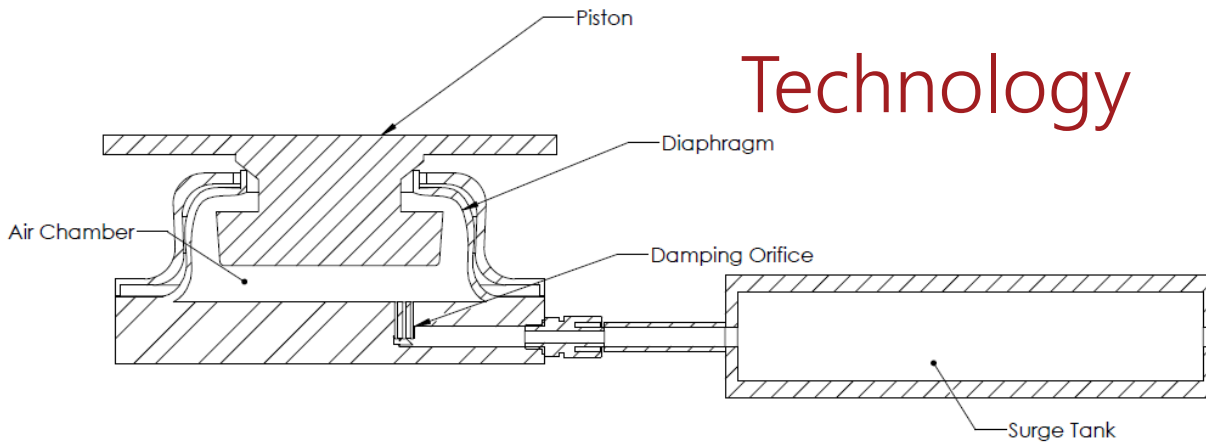
### Applications

- Optical Microscopy
- Interferometry
- Profilometry
- Atomic Force Microscopy
- Microbalances And More!

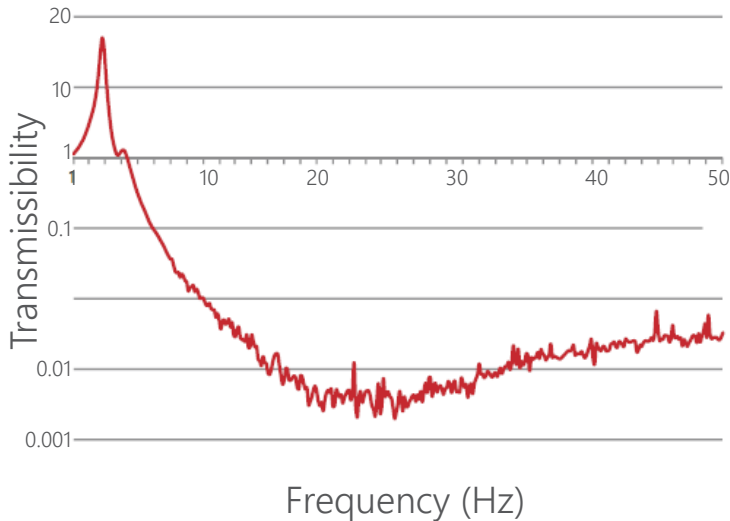
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## Technology



## TRANSMISSIBILITY



## Performance

The performance graph is to be considered for all Onyx Series tables. The transmissibility graph is a conservative estimate of performance in any lab environment and may be improved depending on the ambient vibration conditions.

### Performance Details

- Natural frequency resonance at 2 Hz
- Passive vibration isolation starting at 4.5 Hz
- 90% vibration attenuation at 6.5 Hz
- 99% vibration attenuation at > 20 Hz

MODEL	LOAD CAPACITY		DIMENSIONS						LEVELING	
	Model #	Lbs	Kgs	Width		Depth		Height		Leveling Type
				Inches	MM	Inches	MM	Inches	MM	
<b>Onyx-6</b>		150	68.2	16	406.4	17	431.8	2.2	55.9	<b>Manual and Automatic Leveling Available</b>  Add M to Model # for Manual leveling  Add A to Model # for Automatic Leveling
<b>Onyx-7</b>		150	68.2	20	508	24	609.6	2.2	55.9	
<b>Onyx-8</b>		200	90.1	24	609.6	32	812.8	2.2	55.9	
<b>Custom Onyx Table</b>		Your Instrument Weight		Your Instrument Size						



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## Connect With Us

