



THE 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.

Onyx Series tables consist of a dense steel tabletop supported by pneumatic air-isolators, which are easily inflated using an air-pump or other automatic air source.

The Onyx Series is the perfect solution for researchers needing a passive vibration isolation table that does not compromise on performance or quality.

FEATURES

- Isolates vibrations using pneumatic isolators
- Uses clean and dry air to eliminate contaminants
- No special hardware or tools required
- Low profile: 2.3 inches tall
- High stiffness and rigidity for maximum isolation



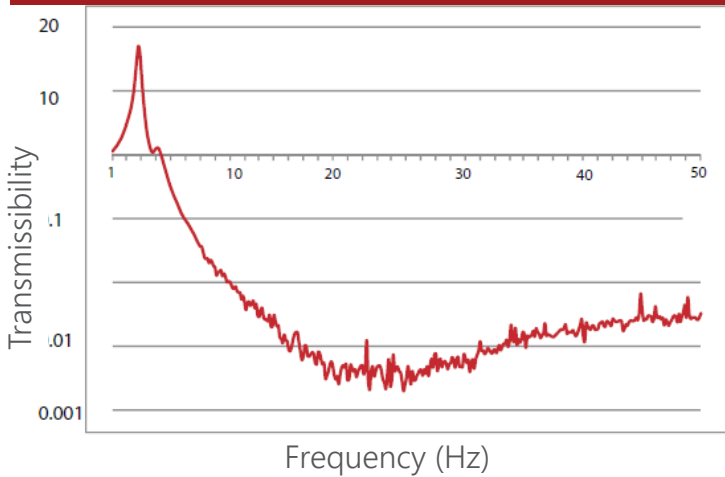
APPLICATIONS

- Optical Microscopes
- Precision Inspection Stations
- Highly Sensitive Lab Equipment
- Micromanipulation
- Interferometry
- Profilometry
- And More!



PERFORMANCE

TRANSMISSIBILITY



The performance graph is to be considered for all Onyx Series platforms. 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

- Passive Vibration Isolation from 4.5 Hz and
- 90% Vibration attenuation at 6.5 Hz
- 99% Vibration attenuation at 20 Hz and beyond

ONYX SERIES MODELS

MODEL

DIMENSIONS

LOAD CAPACITY

(upgradeable)

Onyx-6

W 16" x D 18" x H 2.2"

68 Kg / 150 Lbs

Onyx-7

W 20" x D 24" x H 2.2"

68 Kg / 150 Lbs

Onyx-8

W 24" x D 32" x H 2.2"

90 Kg / 200 Lbs

Custom

Your Instrument Size

Your Instrument Weight

When determining the best suited Onyx table for your instrument or application, review the top plate dimensions, load capacity, and preferred leveling technology (either automatic or manual leveling).

Example:

KLA-Tencor P6 Stylus Profiler:

- Recommended Onyx Table: Onyx-7M
- Onyx-7M Top Plate Dimensions (W x D): 51 x 61 cm / x 20" x 24"
- Onyx-7M Load Capacity: 68 Kg / 150 Lbs
- Preferred Leveling technology: manual (via provided air pump)

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