

Laboratory Equipment – March 2012

Vibration Isolation Table Protects Sensitive Equipment

Minus K Technology has partnered with Kinetic Systems in designing a versatile, ultra-low natural frequency optical table isolation system. The MK52 negative-stiffness optical table achieves 0.5 Hz natural frequencies without limiting its ability to support static loads. When adjusted to 0.5 Hz natural frequency, the table achieves 93% isolation efficiency at 2 Hz, 99% at 5 Hz and 99.7% at 10 Hz. It can be configured for a variety of locations and applications wherever external vibrations can adversely affect the operation of equipment. The system is suited for applications requiring high resolution, such as Raman spectroscopy.



Minus K Technology, Inc, www.minusk.com,
310-348-9656