

(See vibration isolation technology @ www.minusk.com?pdf)



Photonics Spectra – April 2013

New Products: Vibration Isolator

The CM-1 compact, high capacity, low-frequency negative-stiffness isolator from Minus K Technology is designed systems to support heavy payloads while reducing low-frequency vibrations. It comes in several capacity ranges to match your vibration-sensitive instruments such as SPMs (AFMS, STMs, etc), micro-hardness testers, profilers, interferometers, electron microscopes, or other imaging systems, and for weight loads from 50-800 lb. It delivers a vertical natural frequency of $\frac{1}{2}$ Hz or less at or near the nominal load, which can be achieved over the entire load range. Horizontal natural frequency is load-dependent. The CM-1 is completely passive, using no air or electricity.

stevev@minus.com



(See vibration isolation technology @ www.minusk.com?pdf)