

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



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Breakthrough Products

Negative-Stiffness Vibration Isolator



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