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New Products Low-Frequency Vibration Isolators

The CM-1 low frequency vibration isolator from Minus K Technology is a compact, high-capacity, low-frequency negative-stiffness isolator. The isolators can be combined into multi-isolator systems to support heavy payloads, and they are completely passive and use no air or electricity.

The CM-1 isolators can be placed on pedestals to bring them to an appropriate height to retrofit existing air tables, enabling the user to keep an existing table top and achieve much better isolation.

The isolators come in several capacity ranges to match vibration-sensitive instruments such as SPMs (AFMS, STMs, etc), micro-hardness testers, profilers, interferometers, electron microscopes, or other imaging systems.

The units can be customized to achieve user specific needs, such as cleanroom compatibility, different horizontal and vertical frequencies, and dampening.

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