

## Performance

Based on field testing and user evaluations, the Minus K 1/2 Hz vibration isolation platforms and workstations perform about 10 to 100 times better than high-performance air tables depending on the vibration isolation frequencies. They also perform better than active or electronic-cancellation systems.

The transmissibility curves which compare top-performing air tables with the typical Minus K 1/2 Hz performance are shown below. Minus K isolators (adjusted to 1/2 Hz) achieve 93% isolation efficiency at 2 Hz, 99% at 5 Hz, and 99.7% at 10 Hz. Isolation performance closely follows that of an ideal undamped single DOF system up to about 10 Hz and reaches a floor in the transmissibility curve with some resonances at the higher frequencies.

