

A close-up photograph of a small, square, metallic miniature triaxial IEPE accelerometer mounted on a yellow, laser-cut structural frame. The accelerometer is connected to a silver braided shielded cable, which is secured to the frame with two small white adhesive tabs. The background shows dark, curved components of the structure.

— MINIATURE TRIAXIAL IEPE ACCELEROMETER

**KiVibe Miniature: The perfect fit for
vibration measurements on lightweight
structures and in tight spaces**

KISTLER
measure. analyze. innovate.



Broad frequency bandwidth

0.3 to 10,900 Hz ($\pm 5\%$) on main axis



Easy handling

Flexible cable with very small bending radius and specifically engineered connector design



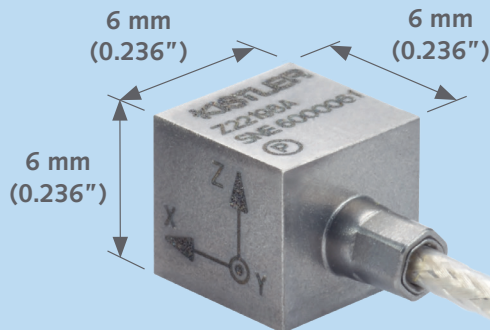
Small and lightweight

6 mm cube with total mass of 0.9 grams



TEDS – Transducer Electronic Data Sheet

IEEE 1451.1 – V1.0 Template 25



Acceleration range

100 g and 250 g are unique;
500 g, 1,000 g



Kistler in-house grown sensing element

PiezoStar crystal with very low temperature sensitivity shift



Case isolated sensor

Resilient to electromagnetic environment



Low outgassing

Sensor, cable and connector

Industry applications:

- Satellite: designed for vibration measurements on satellite components such as antennas, circuit boards and optics
- Aircraft: ground vibration testing, flutter testing, electric motor testing
- Automotive: modal analysis on components, engine and electric motor testing, battery pack vibrations and NVH (Noise, Vibration and Harshness)

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