

BLUETOOTH ACCELEROMETER VIBRATION ISOLATOR PRO

DESCRIPTION

The bluetooth accelerometer has been developed to work in conjunction with the AMCMECANOCAUCHO® free-of-charge app Vibration Isolator Pro, available for Android and iOS devices. It connects to a mobile phone or tablet to perform vibration measurements and provides immediate analysis in the frequency domain, with results displayed directly on screen. Measurement reports can also be uploaded to the web platform vipmeasurements.amcsa.es, enabling easy access, sharing, and long-term data management.

The application guides the user through a simple and intuitive process, making the overall analysis both efficient and user-friendly.

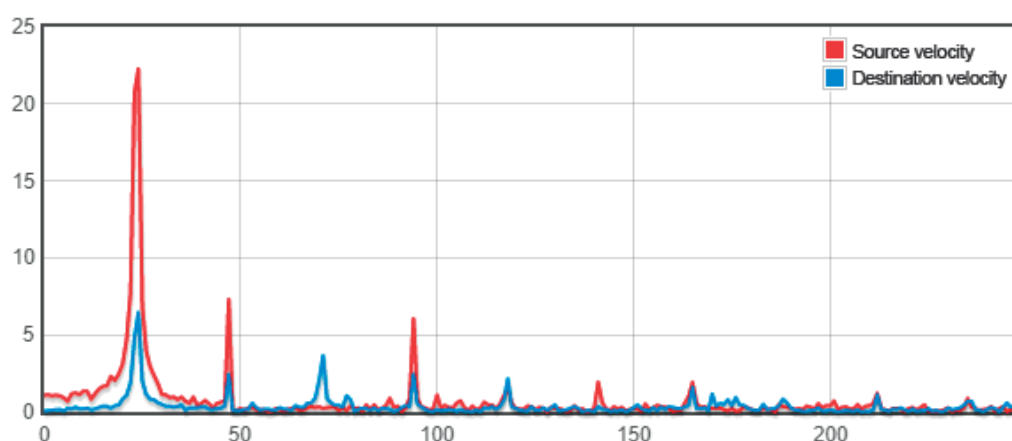
- Compact design
- 3 axis accelerometer
- DC to 500Hz useful bandwidth
- Low noise
- iOS and Android compatible



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* AMC S.A. reserves the right to modify the design and manufacture of the materials presented in this catalogue without prior notice.

 Mount 1 Z: Vibration velocity (mm/s) vs. Frequency



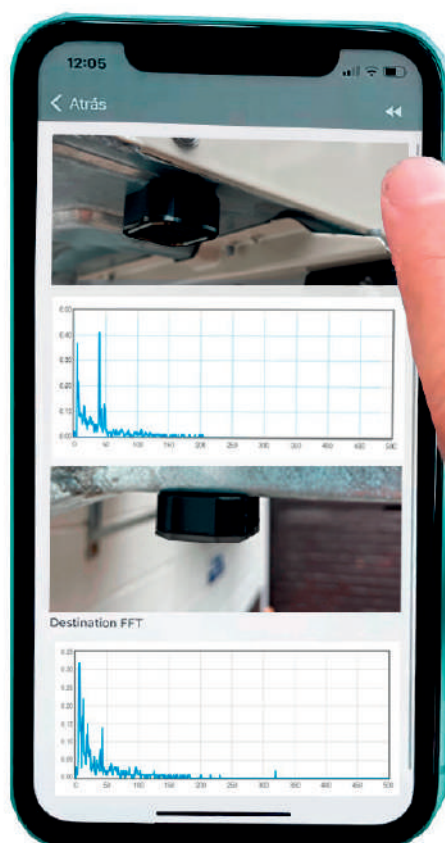
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SPECIFICATIONS

Acceleration Range	$\pm 10g$
Lower frequency limit	0Hz
Upper frequency limit	500Hz
Sensor technology	MEMS
Output Units	mm/s
Sampling rate	1024 Hz
Dimension	41 x 33 x 23 mm
Weight	48 g
Case Material	Aluminium, plastic
Operating temperature range	-20 to 60°C
Residual Noise density	80 $\mu g/\sqrt{Hz}$ rms
Sensitivity	100 mV/g
Cross Axis sensitivity	1,50%
Maximum permissible acceleration	500g
Wireless protocol	Bluetooth LE 4.2



Type	CODE
Bluetooth VIP Accelerometer	711062



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