

VIBRATION ISOLATOR PRO ACCELEROMETER

DESCRIPTION

AMC-MECANOCAUCHO® Accelerometer has been developed to work in conjunction with the AMC-MECANOCAUCHO® free of cost app Vibration Isolator Pro for Android and iOS.

This equipment can provide an immediate vibratory analysis in the

frequency domain, by connecting it to an Android or iOS mobile phone or tablet.

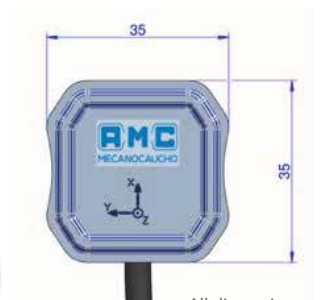
The application will guide the user along several steps in order to complete the analysis in an easy way.

ADVANTAGES:

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

APPLICATIONS:

- “Quick and dirty” vibration analysis
- Industrial machinery vibration analysis
- Industrial engines and gensets vibration analysis
- Anti-vibration mount selection based on the vibration analysis

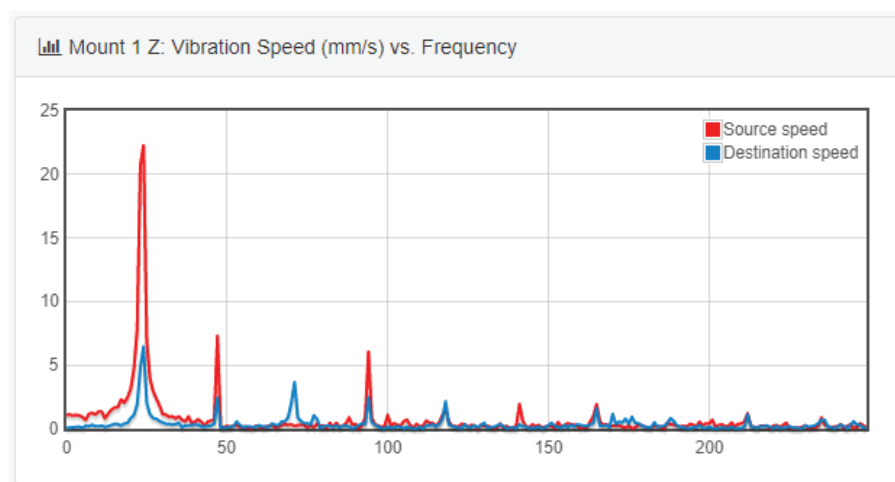


All dimensions are in millimeters



SPECIFICATIONS

Acceleration Range	± 16g
Lower frequency limit	0Hz
Upper frequency limit	500Hz
Sensor technology	MEMS
Output Units	mm/s
Sampling rate	44,1kHz
Dimension	35 x 35 x 15 mm
Weigth	50 g
Case Material	Aluminium
Operating temperature range	-10 .. 50°C
Residual Noise density	300 µg/ √Hz rms
Temperature coefficient	0.01%/°C
Power consumption	1.3W
Cross Axis sensitivity	1%



* In order to adapt its products to the state of the art, AMC, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.

of the materials presented in