



**VIBRATION ISOLATION FOR
MARINE APPLICATIONS**

ABOUT AMC MECANOCAUCHO

Aplicaciones Mecánicas del Caucho (AMC) is a company that designs and produces anti vibration mounts as well as noise insulation composites for the industrial and building sectors.

Since 1969 we have been developing noise and vibration solutions for a wide range of applications. To meet the demands of each project, our products combine the properties of different isolating materials, such as rubber, metal, springs and Sylomer®.

Our dedicated engineering team are on hand to offer technical support with vibration calculations and product advice. On our website mecanocaucho.com you will find access to an extensive range of technical data for our products as well as calculation tools such as our Vibration Isolator Pro. This tool allows the input of your system specifications and provides a recommendation for the anti vibration mounts that meet the requirements of your project in terms of natural frequency or vibration isolation.

Our engineers travel throughout the world doing vibration measurements and providing engineering service to our customers. With a wide variety of customers served from across the world, we are ready to provide you with a customized solution for your noise and vibration problems.

We test our products in our own laboratory and we keep a large stock of products for a quick delivery.



MORE
CERTIFICATES



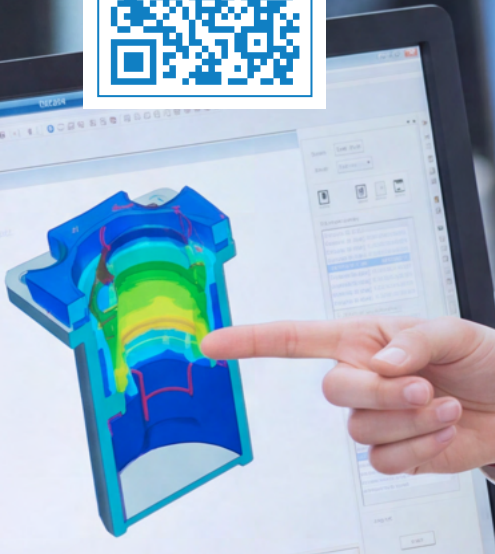
COMMITMENT TO QUALITY

Quality control throughout the entire
production process

Official type approval and management
certificates



ENGINEERING



NATO NCAGE 0230 B.



ISO 9001:2015



ISO 14001:2015



Marine approval certificate
BRB-BSB-Marine DNV



Marine approval certificate
BRB-BSB-Marine Lloyd's



Marine approval certificate
BRB-BSB-Marine ABS



Marine approval certificate
BRB-BSB-Marine BV

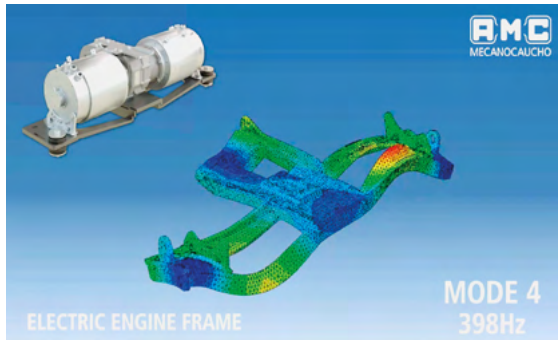
ENGINEERING AND MANUFACTURING

In house multi-axis dynamic testing machines



Marine Vibration Isolation

Software and NVH Measurement Equipment

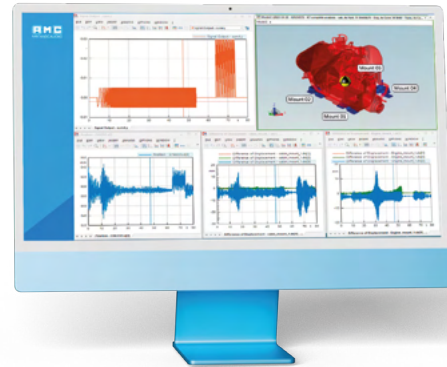


STRUCTURAL ANALYSIS SOFTWARE

Our dedicated engineering team are on hand to provide finite element analysis, an engineering service to analyse structural stability of parts and modal frequencies.

This reduces the risk of resonance occurring in application.

MORE INFO



6 DEGREES OF FREEDOM CALCULATION SOFTWARE

Customers have access to our proprietary six degrees of freedom calculation software.

There they can perform simulations of anti-vibration mount performance with their system.

MORE INFO



NVH MEASUREMENT PRO KIT

The Pro kit provides an extensive range of noise and vibration data to be measured. This wireless unit allows simple data collection for off highway vehicle applications.

Sensors included are:

- 2x Triaxial accelerometers
- 2x laser displacement transducers
- 1x Tachometer
- 1x Microphone
- 1x Modal hammer



VIBRATION ISOLATOR PRO

Bluetooth Accelerometer

The bluetooth accelerometer has been developed to work in conjunction with the AMC MECANOCUCHO® free Vibration Isolator Pro app for Android and iOS.

NEW

VIP-ACCELEROMETER
RESERVATION

SCAN ME





Why choose AMC for **for marine applications?**

COMPLETE
PRODUCT RANGE

ENGINEERING
SUPPORT

TESTING &
VALIDATION

From product selection to on-board validation.

Marine Vibration Isolation

Engines

MARINE
ENGINE MOUNT



MARINE X
ENGINE MOUNT



MARINE XD
ENGINE MOUNT



MARINE XT
ENGINE MOUNT



MARINE V
ENGINE MOUNT



MARINE VD
ENGINE MOUNT



CONE WITH FIXATION FLANGE
ENGINE MOUNT



BRB
ENGINE MOUNT



BSB
ENGINE MOUNT



BRBX
ENGINE MOUNT



MARINE VD
ENGINE MOUNT

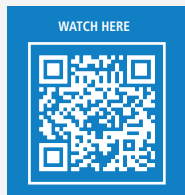
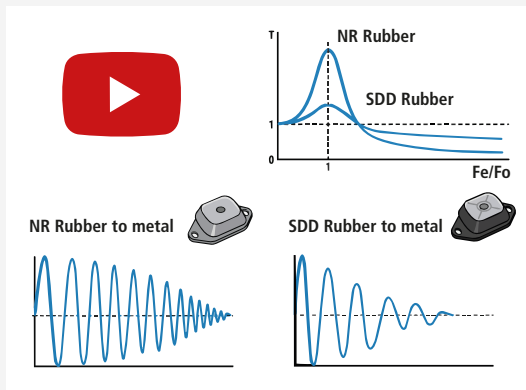


Marine Vibration Isolation

Specific Compounds

Standard Natural Rubber

Excellent vibration isolation with greater engine movement.

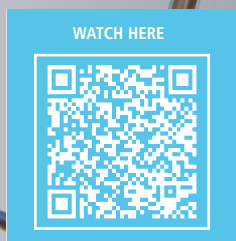


**Special
Compounds**



High Damping AMC SDD Rubber

High vibration isolation combined with reduced engine movement.
Particularly suitable for highly dynamic single-, twin- and three-cylinder engines.



**Field Test
VIDEO**



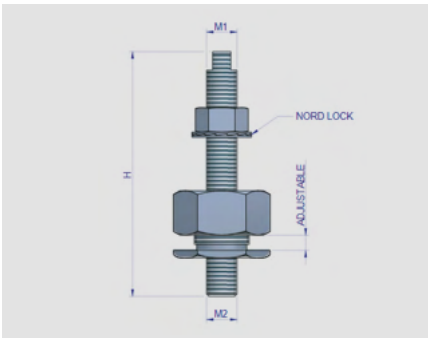
Marine Vibration Isolation

Height Adjusters in Engine Installations

HI-SEC HEIGHT ADJUSTER



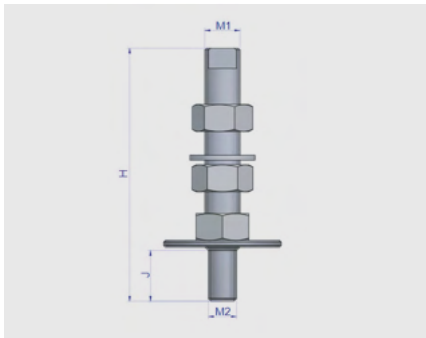
SEE MORE ABOUT
MARINE MOUNT



STANDARD HEIGHT ADJUSTER



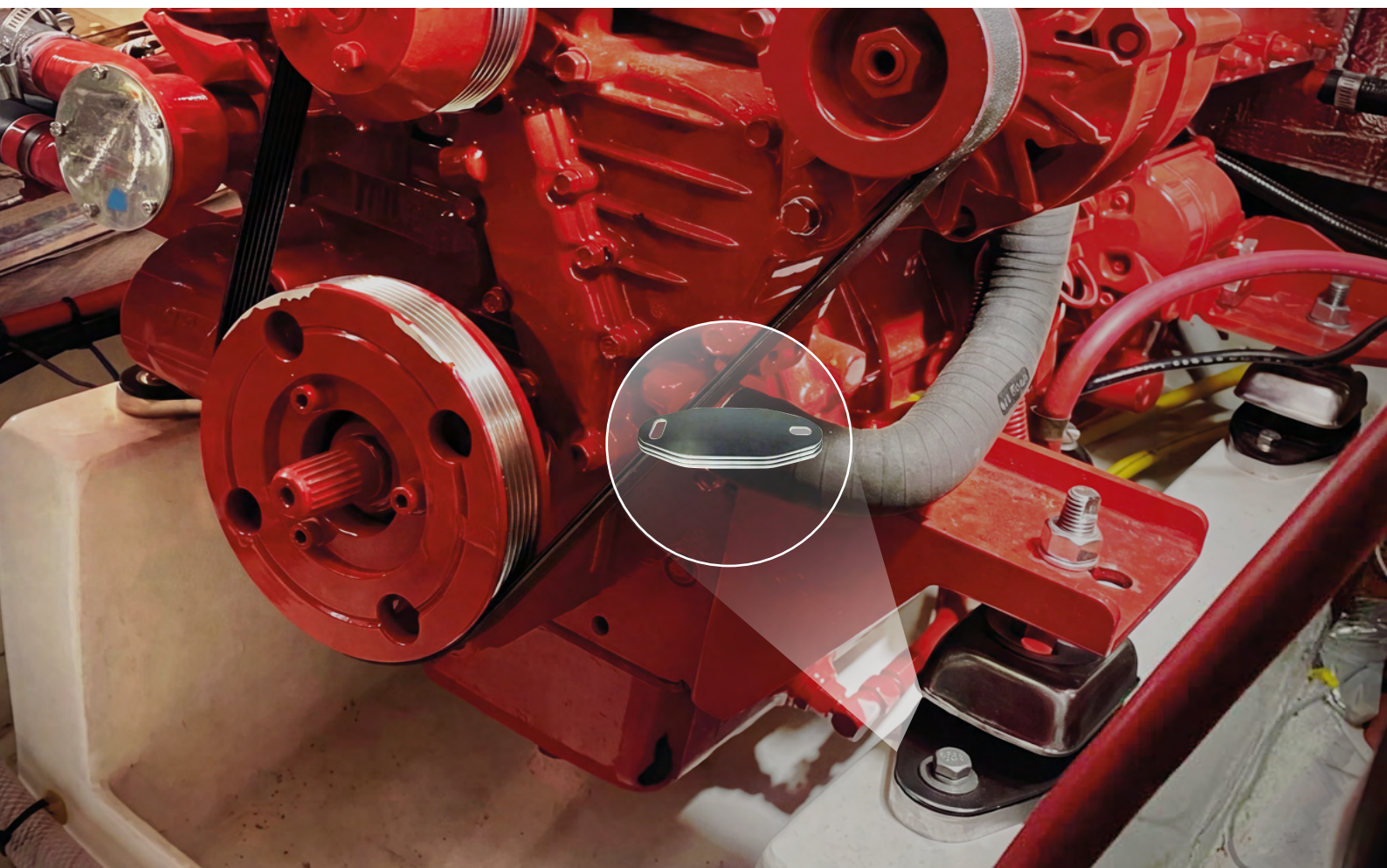
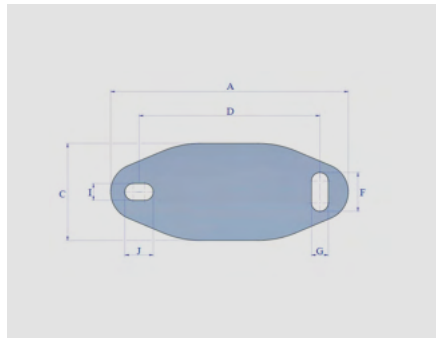
SEE MORE ABOUT
MARINE MOUNT



SHIM HEIGHT ADJUSTER



SEE MORE ABOUT
MARINE MOUNT





BRB ENGINE MOUNT



SEE MORE ABOUT
MARINE MOUNT

BSB ENGINE MOUNT



SEE MORE ABOUT
MARINE MOUNT

MARINE ENGINE MOUNT



SEE MORE ABOUT
MARINE MOUNT

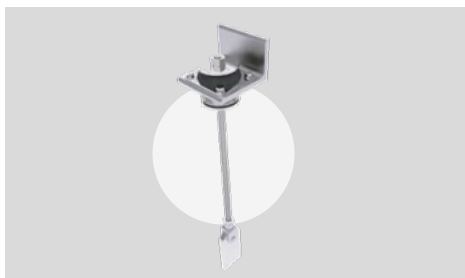
MARINE ENGINE MOUNT



Marine Vibration Isolation

Marine Exhaust Pipe

**ST
MARINE EXHAUST MOUNT**



SEE MORE ABOUT
THIS MOUNT



**SFC
MARINE EXHAUST MOUNT**



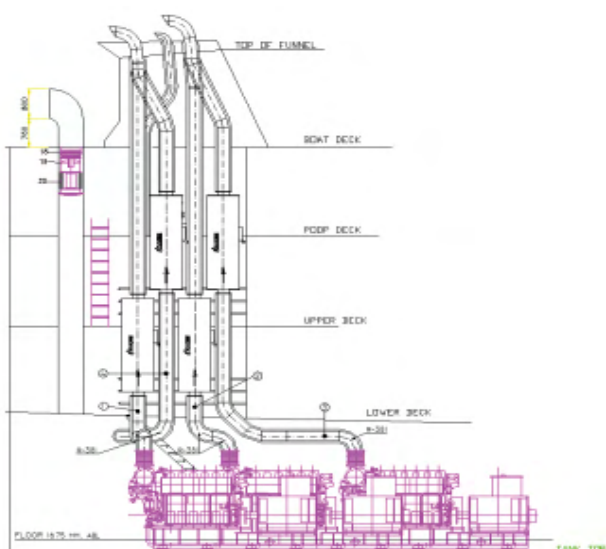
SEE MORE ABOUT
THIS MOUNT



**SFT
MARINE EXHAUST MOUNT**



SEE MORE ABOUT
THIS MOUNT



EXHAUST 1:

3x SFT-100 60Sh (ref. 709205)
20x ST-150 45Sh (ref. 709111)
3x SFC-110 (ref. 709305)

EXHAUST 3:

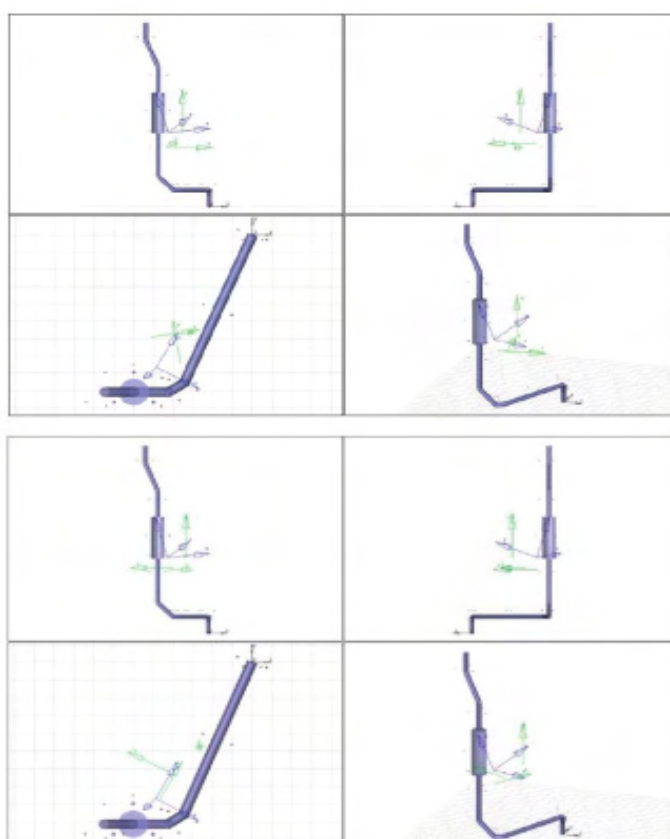
3x SFT-100 60Sh (ref. 709205)
20x ST-150 45Sh (ref. 709111)
3x SFC-110 (ref. 709305)

EXHAUST 2:

3x SFT-100 60Sh (ref. 709205)
16x ST-150 45Sh (ref. 709111)
3x SFC-110 (ref. 709305)

EXHAUST 4:

3x SFT-100 60Sh (ref. 709205)
18x ST-150 45Sh (ref. 709111)
3x SFC-110 (ref. 709305)



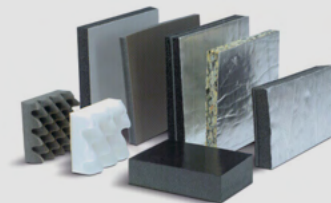
Marine Vibration Isolation

Airborne Noise Control

MORE INFO



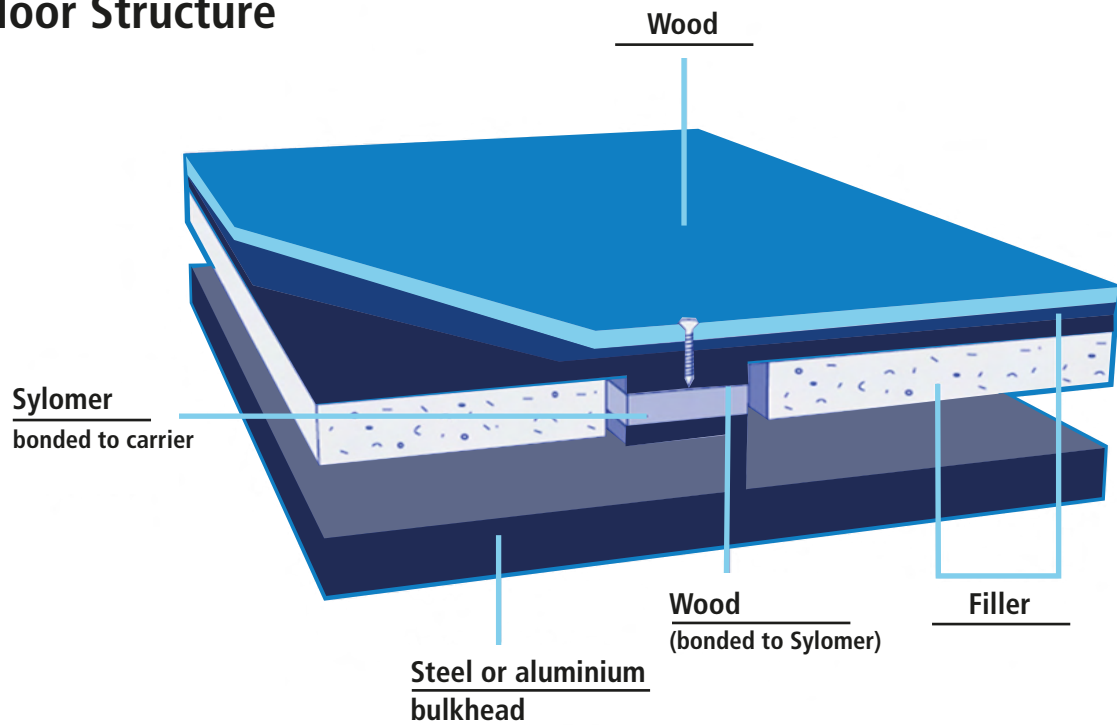
AKUSTIKABSORBER
SOUND INSULATION



Marine Vibration Isolation

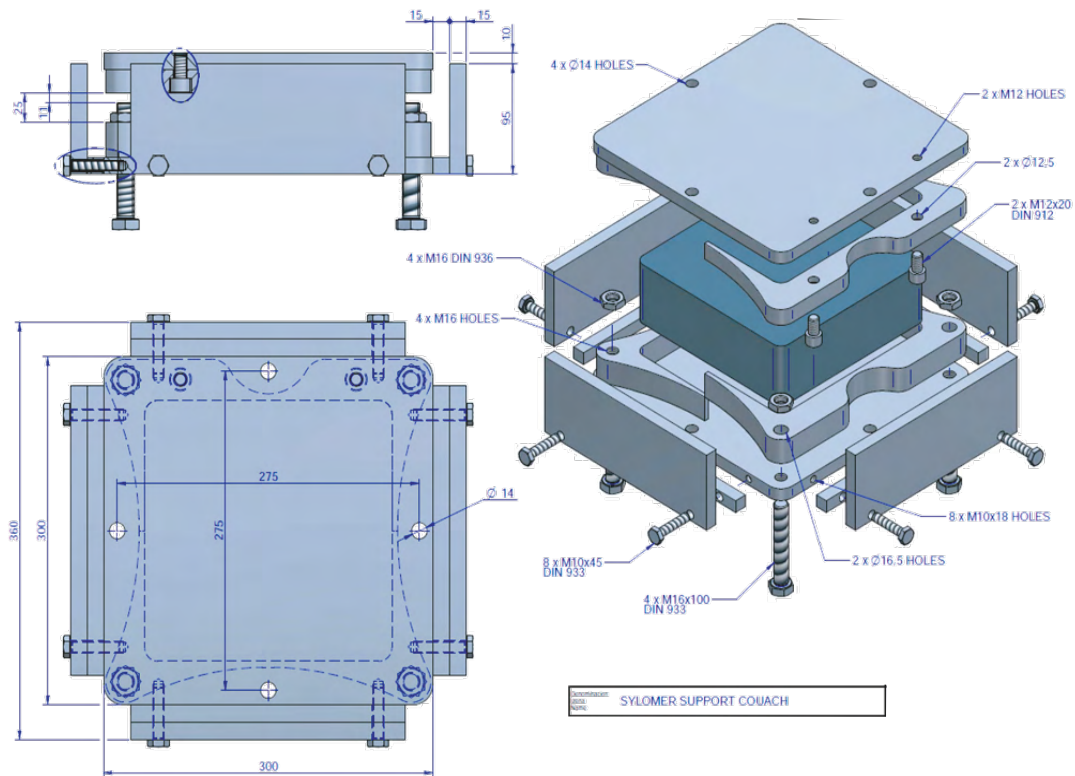
Structure-borne Noise Isolation

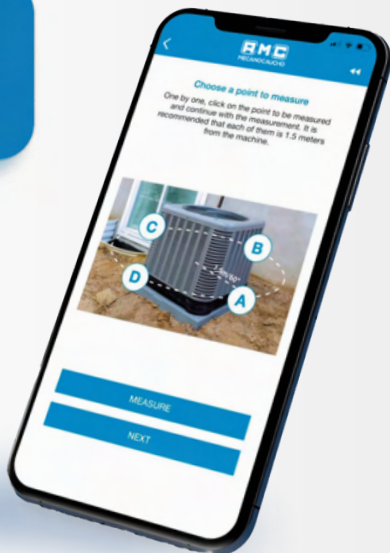
Floor Structure



Marine Vibration Isolation

Equipment pedestals & Support Structures





DOWNLOAD THE APP!



ACOUSTIC ISOLATOR PRO

With the acoustic Isolator Pro app, you can perform sound measurements of machines and receive isolation recommendations and results.



VIBRATION ACCELEROMETER BLUETOOTH

This equipment can provide an **immediate vibratory analysis** in the frequency domain, by connecting it to an Android or iOS mobile phone or tablet.

DATASHEET



VIDEO GUIDE



The bluetooth accelerometer is compatible with all **android and iOS devices**.



Calculation Software

6 DEGREES OF FREEDOM

Customers have access to our proprietary six degree of freedom calculation software. Multi body simulations can be performed to analyse shock and vibration, allowing the correct AMC solution to be determined.

MORE INFO





Our **expertise lies** in the **building** and **industrial acoustics field**, with a dedicated **technical department**. We have skilled engineers situated across various countries who are prepared to comprehend your specific situation and offer suitable solutions. Don't hesitate to **get in touch with our main office or explore our websites** and social media platforms.



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