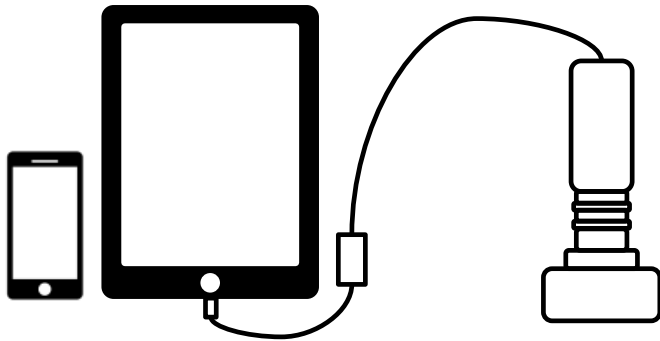




Single-Channel Vibration Tester User Guide

Important Note

- There is no need to calibrate our Digital USB Accelerometer. The apps will automatically set up calibration factor.
- Do NOT open the device. Opening causes permanent damage and voids the warranty.



Included In The Package

- Digital USB Accelerometer
- Rare Earth Magnetic Base
- Lightning to Camera Adapter
- User Guide

Download the App (From App Store)

- iPhone: VibraTestPro (Search for Vibration Severity Test on the App Store)
- iPad: iVibraMeter

Quick Start

VibraTestPro

- Connect the Digital Accelerometer to the Lightning to Camera Adapter.
- Connect the Lightning to Camera Adapter to iPhone.
- Launch the VibraTestPro app, the app will automatically detect the accelerometer and set up calibration factor.
- Go to Setting page, select test standard ISO-10816 or custom criterion by entering threshold values.
- Go to Vibration Severity Test page to start testing with vibration RMS.
- Additional help can be found in Help page.

iVibraMeter

- Connect the Digital Accelerometer to the Lightning to Camera Adapter.
- Connect the Lightning to Camera Adapter to iPhone.
- Launch the iVibraMeter app, the app will automatically detect the accelerometer and set up calibration factor.
- If it is the first time using the app, **ACTIVIATION** is required. Follow the steps in activation section.
- Go to Measure Overall RMS Vibration page and start measurement.
- Additional help can be found in Help page.

iVibraMeter Activation

- Connect the Digital Accelerometer to iPad
- Go to General Setting page and tap Request Activation Code button
- The app will send us an email with device information and we will email back the activation code
- Paste the activation code in the text field and tap Done
- The app is activated and ready to use

Specifications

- Measurement Range: $\pm 20g$ pk
- Frequency Range ($\pm 3dB$): 54 cpm to 900000 cpm
- Non-Linearity: $\leq 2\%$
- Temperature Range: $-10^\circ C$ to $+70^\circ C$
- Internal ADC: 24 bit
- Sampling Rate: 44100 Hz
- Housing Material: Stainless Steel
- Magnetic Base Pull Force: 85 lbs

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