



motionics VibeSense Vibration Analyzer User Guide

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VibeSense Vibration Analyzer User Guide

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Important Notes

- Turn off the device after use. It will NOT turn off automatically.
- Do NOT open the device. Opening causes permanent damage and voids the warranty.
- This device is pre-calibrated. You will need a 1g 159Hz vibration shaker if you want to calibrate it again.

Description

1. Mounting Hole – connect to magnetic base or fixture with 1/4-28 set screw
2. Magnetic Switch Sensing Region – move magnetic switch key close to turn the device on/off

3. Status LED

-  – Device is on (“ashing)/device is connected (solid)
-  – Device is in charge
-  – Device is fully charged

4. Tachometer Connector – connect to laser tachometer sensor (available in rotor balancing kit)

5. Wireless Charging Coil – “ip the device and place on wireless charging pad to recharge battery



Included in the box

- VibeSense Wireless Accelerometer
- Magnetic On/O! Switch Key
- 1/4-28 Accelerometer Mounting Set Screw
- Qi Wireless Charging Pad
- USB Charging Cable
- USB Power Adapter
- User Guide

Compatible Software

- iOS: VibraTestPro
- iOS app can be directly downloaded from the App Store

Quick Start

- Attach VibeSense wireless accelerometer to the testing machine/#xture directly with 1/4-28 set screw or via magnetic base.
- Move magnetic switch key close to the sensing region on VibeSense accelerometer to turn on the device.

- Launch VibraTestPro app.
- Go to the Setting page in the app and make sure Wireless is selected for Sensor.
- On the main page, tap the Sensor button on the bottom right corner to bring up the sensor pairing/status page.
- Move the iPad close to the accelerometer; it will be detected and connected.
- Tap the Vibration Meter button to launch ISO-10816 based vibration meter and tap Update to get overall RMS reading.
- Tap the Spectrum button to launch the signal viewer for vibration waveform and FFT spectrum. Tap the Update button in the middle of bottom tool bar to receive raw signal.
- Tap Record button to launch signal recording page to record raw vibration signal.
- To disconnect the device, go to the sensor pairing/status page again and tap the Disconnect button.
- To turn off the device, move the magnetic switch key close to the sensing region on the VibeSense accelerometer.
- To recharge the device, flip and place it on the wireless charging pad.


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Documents / Resources

	<p>motionics VibeSense Vibration Analyzer [pdf] User Guide VibeSense Vibration Analyzer, VibeSense, Vibration Analyzer, Analyzer</p>
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References

- [🌐 Motionics LLC – Smart Tools for Monitoring and Diagnostics of Machinery](#)