VibeSense Vibration Analyzer User Guide

⚠ 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 ¼-28 set screw
② **Magnetic Switch Sensing Region –** move magnetic switch key close to turn the device on/off
③ **Status LED**
- – Device is on (flashing)/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 –** flip the device and place on wireless charging pad to recharge battery

Included in the box

- VibeSense Wireless Accelerometer
- Magnetic On/Off Switch Key
- ¼-28 Accelerometer Mounting Set Screw
- Qi Wireless Charging Pad
- USB Charging Cable
- USB Power Adapter
- User Guide

Compatible Software

- iOS: VibeSense Vibration Analyzer
- iOS App can be directly downloaded from the App Store

Quick Start

- Attach VibeSense wireless accelerometer to the testing machine/fixture directly with ¼-28 set screw or via magnetic base.
- Move magnetic switch key close to the sensing region on VibeSense accelerometer to turn on the device.
- Launch VibeSense Vibration Analyzer App.
- On the main page, tap Sensor button on the bottom right corner to bring up sensor pairing/status page.
- Move iPad close to the accelerometer, it will be detected and connected.
- Tap Meter button to launch ISO-10816 based vibration meter.
- Tap Signal Viewer button to launch signal viewer for vibration waveform and FFT spectrum.
- To disconnect the device, go to sensor pairing/status page again and tap Disconnect button.
- To turn off the device, move magnetic switch key close to the sensing region on VibeSense accelerometer.
- To recharge the device, flip and place it on the wireless charging pad.

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