

Single-Channel Vibration Kit



Motionics Single-Channel Vibration Kit is a low-cost yet effective solution for overall vibration measurements and machine certification.

It consists of an advanced digital accelerometer connecting to iPhone/iPad along with iOS vibration Apps for both iPhone and iPad. Accelerometer is automatically calibrated once connected, no extra calibration procedure needed.

The iPhone and iPad apps provide several capabilities including a vibration meter based on ISO10816 standard, severity indicator, raw data collection and real-time vibration time & spectrum viewer.

iPad VibrationBalancer	Specification
Measurement Range	±20 g pk
Frequency Range	(±3dB) : 54 cpm - 900,000 cpm
Non-Linearity	≤ 2%
Operating Temperature	-10 °C to +70 °C
Sampling Rate	44100 Hz
Internal ADC	24 bit
Magnetic Base Pull Force	85 lbf



Included in the Package:

- Digital Accelerometer
- 85 lbf Magnet Base
- Accelerometer Cable Accessory
- Protective Carrying Case
- iVibraMeter App for iPad
- iVibraTestPro App for iPhone
- iPad Mini4 with Industrial Protective Case (optional)

App Features:

- Vibration Meter with ISO10816 severity indicator
- Real-time vibration spectrum and time waveform
- Velocity and acceleration readings (metric & imperial)
- Vibration raw signal recording
- Time waveform/spectrum export in CSV
- Customizable standard for severity indicator
- PDF test report with plant map, images, signature & notes

