



Extremely reliable and portable, low cost instrument specifically designed for on site maintenance in your plant or workshop. This easy to use instrument requires little operator training.

**Features:**

- Small pen-size with accelerator included.
- Automatic power off.
- 4 digital LCD display.
- Displays both Metric & Imperial Units.
- Multi-parameter vibration, bearing parameter (acceleration envelope) & IR temperature measurements.
- One button control power, parameter selection, ISO10816 group selection, measurement and hold function.
- Includes remote switch and magnet base to avoid handheld problems for reliable and consistent data.
- Measuring vibration velocity, displacement & acceleration envelope to check machine/bearing health with yellow/red/green LED indicator.
- Build-in ISO10816 Group 2 & -3 selectable.
- Optional external or integrated accelerometer
- Optional magnet base and remote switch
- 3 year warranty.



**Specifications:**

Range	Displacement 0.1 – 3000 µm (or 0.03 – 120 mil) Velocity 0.1 – 250 mm/s (or 15 in/s) true RMS Acceleration 0.1 – 100m/s <sup>2</sup> (0.01 – 10g) High Frequency Acceleration Enveloping 0.1 – 25 units
Overall Accuracy	± 5%
Operation Environment	0 - 50°C & Relative humidity < 85%
Frequency response	Displacement 10 – 500 Hz Velocity 10 – 1000 Hz Acceleration 10 – 1000 Hz Envelop Acceleration 5 Hz – 2 kHz, demodulated from 3kHz – 10kHz
Battery	2 AA batteries, 3.6 V, 20-29 mA & >100 hours of continuous operation
Dimensions	110mm x 35m x 17mm (w x d x h)
Weight	100g (include batteries)
Case Material	Aluminum