

## 461880 Vibration Meter + Laser Combination Tachometer



CE

### Measures Acceleration, Velocity, Displacement, RPM and Surface Speed

- Unique large LCD displays characters on reverse direction depending on function
- Windows® XP compatible software (included) to analyze data on your PC
- Basic accuracy: Tachometer:  $\pm(0.05\%$  rdg), Vibration:  $\pm(5\%$  rdg)
- Dimensions/Weight with Probe: 7.4x3x1.8" (188x75.5x46.8mm)/ 1.12lbs (507g)
- Include vibration sensor with 39" (1m) cable, magnetic mount, wheels (cone & flat tips), reflective tape, 4 AA batteries, software with cable, and hard case; 1yr warranty

### Vibration Meter Functions and Features:

- Velocity (max res.): 7.87in/s (0.01in/s), 200mm/s (0.1mm/s), 19.99cm/s (0.01cm/s); Acceleration (max res.): 656ft/s<sup>2</sup> (1ft/s<sup>2</sup>), 200m/s<sup>2</sup> (0.1m/s<sup>2</sup>), 20.39g (0.01g) Displacement: 0.078in (0.001in), 2mm (0.001mm); Frequency: 10Hz to 1kHz
- RMS or Peak Value measurement modes
- Manual/Auto store/recall up to 1000 readings, Data Hold and Auto power off features

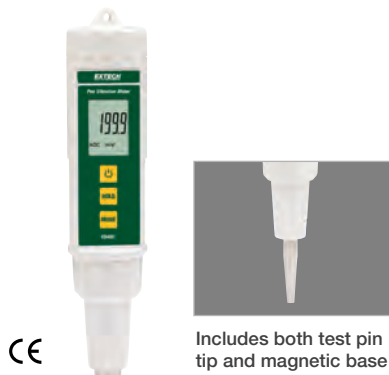
### Tachometer Functions and Features:

- RPM ranges — Photo: 10 to 99,999rpm / Contact: 0.5 to 19,999rpm; Surface Speed: 0.2 to 6,560ft/min (0.05 to 1,999.9m/min)
- Uses a laser for greater distance non-contact measurements up to 4.9ft (1.5m)
- Stores Last, Max, and Min readings

### ORDERING

461880 N Vibration Meter + Laser Combination Tachometer

## VB400 Pen Vibration Meter



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Includes both test pin tip and magnetic base

### Measures RMS Acceleration and Velocity with metric and imperial units

- Ranges — Acceleration (RMS): 656ft/s<sup>2</sup>, 20.39g, 200m/s<sup>2</sup>; Velocity (RMS): 7.87in/s, 2.00cm/s, 200mm/s; Frequency: 10Hz to 1kHz
- Resolution to 1ft/s<sup>2</sup>; 0.01g; 0.1m/s<sup>2</sup> and 0.02in/s; 0.01cm/s; 0.1mm/s
- Basic accuracy of  $\pm 5\%$
- Zero adjustment, Data Hold, and Low battery indicator
- Water and dust resistant to IP65
- Dimensions: Meter: 6.9 x 1.6 x 1.3" (175 x 40 x 32mm); Weight: 0.53lbs (240g) Sensing Head: 0.4" dia x 1.9" (9mm dia x 30mm)
- 1 year warranty
- Complete with test pin tip, magnetic base, 4 x AAA batteries, and case

### ORDERING

VB400 Pen Vibration Meter

## VB300 3-Axis G-Force Datalogger



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Magnetized/Bolt-on Mounting Base

USB connector easily plugs into a computer for data analysis

### Built-in 3-axis accelerometers record the shock and time when it occurs

- Measure and compute real-time spectral data using FFT
- Acceleration — Sampling Rate: 200Hz, Range:  $\pm 18g$ , Resolution: 0.00625g, Accuracy:  $\pm 0.5g$ ; Bandwidth: 0 to 60Hz
- Record storage, transport or operational data over time
- Record and time 3-axis shock and peaks
- Datalogs 168,042 normal recording records or 112,028 motion detection records per axis
- Choose X-, Y-, Z-axis or any combination (via software)
- Programmable data sampling rate: 50mSec to 24 hours
- Manual/Programmable start modes and user-programmable alarm threshold
- Dimensions/ Weight: 3.7 x 1.1 x 0.8" (95 x 28 x 21mm)/ 1oz (20g)
- Complete with Magnetized/Bolt-on Mounting Base, 3.6V Lithium battery and Windows® compatible analysis software; 1 year warranty

### ORDERING

VB300 3-Axis G-Force Datalogger  
42299 3.6V Lithium Battery (pk of 2)