



**EN-200** Overall vibration meter and electronic stethoscope is the ideal tool for cost effective predictive maintenance. This meter is simple to operate with only two switches on either side of the meter. Test roller bearings and also find lubrication problems with the digital LCD and stethoscope features to enhance machinery reliability. Compare your vibration results by using the ISO 10816 Severity Chart which is built-in right on the front of the meter.



**Features:**

- Measures vibration in:
  - Acceleration – perfect for high speed machinery applications.
  - Velocity – per ISO 10816. The most commonly used unit for general purpose machinery monitoring and trending.
  - Displacement. – perfect for low speed heavy machinery.
- Electronic Stethoscope – used with Included headphones for listening to the sound of roller bearings. This helps to find bearings that needs to be greased and also helps to solve other lubrication problems.

**Specifications:**

- Amplitude Ranges:

	EN-200
Acceleration	0 ~ 19.99 G's (peak)
Velocity	0 ~ 199.9 mm/s (peak)
Displacement	0 ~ 199.9 μm. (pk-pk)



**General Specifications**

- Accuracy All Ranges:  $\pm 1\% + 3$  LSD.
- Frequency Ranges:
  - 5 ~ 10,000 Hz.
- Display Indications:
  - Graphic LCD with Backlighting.
- Vibration Sensor:
  - Piezoelectric Accelerometer 100 mV/G.
- Output:
  - Audio: (3.5 mm) mini plug for headphones.
  - Sensor power: 28 V. DC. @ 2 mA.



- Power Supply:
  - 7.2V. DC supplied by 2 cell Lithium Ion rechargeable batteries with Automatic protection circuit.
  - Battery Usage time:  
18 Hours continuous before needs recharging. (Typically charge once per week)
  - Battery Lifetime: 500 charge cycles  
(Approximately 2.0 years to 2.5 years of normal use)



*Audio Output for Headphones*

- Environmental:
  - Meter:  $-10^{\circ}\text{C}$  to  $50^{\circ}\text{C}$ .
  - Accelerometer  $-10^{\circ}\text{C}$  to  $70^{\circ}\text{C}$ .

- Physical:
  - Dimensions: 152 x 83 x 32 mm.
  - Weight: 1.2 kg.



*BNC Input for Accelerometer*

- Standard Accessories All Included:
  - Instruction manuals in English language.
  - Soft carrying case.
  - Stainless Steel Stinger Probe
  - Automatic Recharger with red and green charging LED.
  - Industrial type Noise Reducing Headphones
  - Rare Earth Al-Ni-co magnet for accelerometer.



*Battery Charging Jack.*

- Price and ordering information.
  - EN-200 Vibration Meter. Includes Vibration meter, and all Standard Accessories.  
(Please Specify 110V.AC or 220V. ac charger).
  - Price: USD\$849.00.
- Warranty Information: The vibration meter and accelerometer is unconditionally warranted for Normal use for period of 5 years from date of purchase. Warranty for headphones and accessories is 1 year.