



**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 the roller bearings. Finds problems with lubrication easily with this option.

**Specifications per Model:**

- 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 (All Models)**

- Accuracy All Ranges:  $\pm 1\% + 3 \text{ LSD}$ .
- Frequency Ranges:
  - 5 ~ 10,000 Hz.
- Display Indications:
  - LCD 3.5 digit. With LED Low Battery Indication warning.
- 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 1.5 years to 2 years of normal use)



*Audio Output for Headphones*

- Environmental/Physical:
  - Meter:  $-10^{\circ}\text{C}$  to  $50^{\circ}\text{C}$ ., Accelerometer  $-10^{\circ}\text{C}$  to  $70^{\circ}\text{C}$
  - Dimensions: 152 x 83 x 32 mm., Weight: 1.2 kg.

- Standard Accessories All Included:
  - Instruction manuals in English language.
  - Soft carrying case.
  - Stainless Steel Stinger Probe
  - Automatic Recharger with red, And green charging LED. (Specify: 110 V. AC or 220 V.AC.)
  - Industrial type Noise Reducing Headphones
  - Rare Earth Al-Ni-co magnet for accelerometer.

*BNC Input for Accelerometer*



*Battery Charging Jack.*

- Warranty Information: The vibration meter is unconditionally warranted for Normal use for period of 5 years from date of purchase. Warranty for accelerometer, headphones and accessories is 1 year.

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