



EN-210 Vibration meter's memory stores data for later readout directly on the meter. The MAX HOLD button also helps to record the maximum value measured. This is an overall vibration meter and electronic stethoscope and is an ideal tool for cost effective predictive maintenance. This meter will record up to 100 data points and you can conveniently readout the stored values directly on the backlighted graphic LCD display. 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 2372 Severity Chart which is built-in right on the front of the meter.

Features:

- Measures vibration in: Acceleration, Velocity and Displacement with convenient ISO 2372 severity chart.
- Records up to 100 data points and can directly readout on the LCD display.
- MAX HOLD button, will hold the maximum value measured, and increase only if a greater value is measured., also records the maximum value measured.
- 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-210
Acceleration	0 ~ 19.99 G's (peak)
Velocity	0 ~ 199.9 mm/s (peak)
Displacement	0 ~ 199.9 μ m. (pk-pk)

General Specifications

- Accuracy All Ranges: $\pm 1\% + 3 \text{ LSD}$.
- 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:
 - 8.4 V. DC supplied by 2 cell Lithium Ion rechargeable batteries with Automatic protection circuit.
 - Battery Usage time:
20 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°C to 50°C.
 - Accelerometer -10°C to 70°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.

- Ordering information.
 - EN-210 Vibration Meter. Includes Vibration meter, and all Standard Accessories.
- Warranty Information: The vibration meter is warranted for Normal use for period of 5 years from date of purchase. Warranty for accelerometer, headphones and accessories is 1 year.