

Pen Vibration Meter



Measures Acceleration, Velocity and Displacement

This product measures vibration by an internal piezoelectric transducer. It is suitable for the measurement of vibration of all rotary & reciprocating machinery. The unit output can be set to acceleration, velocity and displacement, which is widely used for periodical vibration measurement of machinery in steel, mining & cement plants.

Features:

- Acceleration range : 0.1m / s² -199.9m / s² (Peak)
- Velocity range: 0.1mm/s-199.9 mm/s (RMS)
- Displacement range: 0.001mm-1.999 mm (Peak-Peak))
- Frequency range:
 - Acceleration: 10Hz ~ 1 kHz (LO) -1kHz ~ 15kHz (HI)
 - Velocity: 10Hz ~ 1 kHz
 - Displacement: 10Hz ~ 500Hz
- Basic accuracy of $\pm(5\% + 2 \text{ digits})$
- Data Hold freezes the reading in the display for 40s
- Automatic switch off after 40 seconds
- Dimensions: Meter: 150mmx22mmx16mm



Applications:

- Rolling element bearing housings
- Motors
- Fans
- Pumps
- Rotating machinery

Accessories:

- Main Unit
- Screwdriver
- Batteries SR44\LR44 1.5V- 2Pcs
- Instruction Manual
- Standard Factory Packaging Box



Ordering Information:

PVM-50 Pen Vibration Meter