

The VM370 Vibration Meter is a portable device designed for accurate on-site measurement of vibrations in rotating machinery, aiding in quality control, commissioning, and predictive maintenance. It complies with ISO 2954 Suitable for periodic measurements to detect imbalances, misalignment, and other mechanical faults. It simultaneously measurement displays displacement, velocity, and acceleration parameters concurrently.



FEATURES

- Can display the parameters of Displacement, Velocity and Acceleration simultaneously
- Accurate sensor for accurate and repeatable measurements
- Unaffected by the external magnetic field
- Specially designed for easy on site vibration measurement of all rotating machinery
- In accordance with ISO 2954, used for periodic measurements, to detect out-of-balance, misalignment

TECHNICAL SPECIFICATION

Unit	Piezoelectric Transducer
Measuring Parameters & Range	Acceleration 0.1~400 m/s ² , 0.3~1312 ft/s ² , 0.0~40 g Equivalent Peak Velocity 0.01~400 mm/s, 0.004~16.0 inch/s True RMS Displacement 0.001~4.0 mm, 0.04~160.0 mil Equivalent Peak-peak
Frequency Range	Frequency : 5 Hz ~ 1k Hz Acceleration: 10 Hz ~ 10k Hz Velocity: 10 Hz ~ 1k Hz Displacement: 10 Hz ~ 1k Hz
Metric / Imperial Conversion	Yes
Max. Value Hold	Yes
Operating Conditions	Temperature: 0~50 °C Humidity: <90 %RH
Power Supply	2 x 1.5V AA size (UM-3) Battery
Dimension	130 x 76 x 32 mm
Weight	340 g (Not Including Batteries)
Accessories	Main Unit, Magnetic Suction Seat, 3-Axis Piezoelectric Accelerometer Probe (Cone), Probe (Spherical), Carrying Case, Manual Book