

# VIBRATION METER

## เครื่องวัดความสั่น

MODEL : VM-6370

### FEATURES

- Can display the parameters of displacement, Velocity, and Acceleration simultaneously.
- In accordance with ISO 2954, used for periodic measurements, to detect out of balance, misalignment and other mechanical faults in rotating machines.
- Specially designed for easy on site vibration measurement of all rotating machinery for quality control, commissioning, and predictive maintenance purposes.
- Individual high quality accelerometer for accurate and repeatable measurements
- Bearing condition monitoring function
- Digital LCD display
- Lightweight and easy to use
- Wide frequency range (10Hz~10kHz) in acceleration mode
- Automatic power shutt off to conserve power.
- AC output socket for headphones and recording (Headphone is optional and not included in the set)
- Can communicate with PC computer for statistics and printing by the optional cable and the software for RS232C interface (not included in the set)



### SPECIFICATIONS

- Display: 4 digit LCD backlit
- Sensor: Piezoelectric Transducer
- Accuracy: 5% of reading + 2 digits
- Measurement range:
  - Displacement: 0.001~4.000mm Equivalent Peak~Peak: 0.04~160.0 mil
  - Acceleration: 0.1~400.0m/s<sup>2</sup> Equivalent Peak: 0.3~1312ft/s<sup>2</sup>; 0.0~40g
  - Velocity: 0.01~400.0mm/s True RMS: 0.004~16.00 inch/s
  - Frequency: 5Hz~1kHz
- Frequency Range:
  - Displacement: 10Hz~1kHz
  - Acceleration: 10Hz~10kHz
  - Velocity: 10Hz~1kHz
- Metric Imperial Conversion
- Analogue Output: AC output 0~2.0V peak full scale (load resistance: above 10k)
- With Max. value hold and low battery indication
- PC interface: RS232C (cable and software not included in the set)
- Power off: Manual off at any time or auto power off is enabled by user
- Operating conditions:
  - Temperature: 0~50°C
  - Humidity: below 95%RH
- Power Supply: 2 x 1.5V AA batteries
- Size: 130 x 76 x 32mm
- Weight: 340g (excluding battery)