

Vibration Meter

Product Features:

1. LCD digital display, lightweight, easy to use.
2. Simultaneous display Acceleration, Velocity, and Displacement plus built-in PC interface
3. Individual high quality accelerometer for accurate and repeateable measurements
4. Wide frequency range (10Hz.To 10kHz.)in acceleration mode.
5. Support RS-232, connect with PC or PLC to collect and analyze data.
6. Standard Accessories includes powerful rare earth magnet, measurement sensors and M6 screw can be applied to various production line.

LCD Display

Various measurement parameters display

RS-232 Protocol

Wide frequency range

Applications:

1. Etching machines, Robotic arm.
2. Machine tools, abnormal motor vibration.
3. PCB coating, Floor vibration.
4. Wafer transportation.

Specifications:



▶ VM-02

Item	Specifications
Measurement Range	Acceleration: 0.1~400 m/s ² , Equivalent Peak: 0.3~1312 ft/s ² , 0.0~40 g Velocity: 0.01~400 mm/s, Truen RMS: 0.004~16.00 inch/s Displacement: 0.001~4.000mm, Equivalent Peak-Prak: 0.04~160.0 mil Frequency: 5Hz~1KHz
Frequency range	Acceleration: 10Hz~1KHz/10Hz~10KHz (x10 mode for bearing condition monitoring function) Velocity: 10Hz~1KHz ; Displacement: 10Hz~1KHz
Unit Conversion	Metric /Imperial conversion
Accuracy	± 5% of reading 2 digits
Display	4 digit LCD backlit
Protocol	RS-232
Output	AC output 0~2.0V peak full scale(load resistance: above 10K)
Power supply	1.5vAA (UM-3) battery*2
Dimensions / Weight	130*76*32mm/340g (without AA batteries)
Ambient Temperature	0~50°C (Indoor)
Ambient Humidity	35~85%HR (No condensation)

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