

Handheld Vibration Meter

Model VM1001

The VM1001 Handheld Vibration Meter weighs only 300g and is powered with an internal 9V battery. It is excellent as a quick diagnostic tool for the vibration engineer, to quantify structural vibration levels and locate areas of high vibration. The meter is manufactured according to international standard ISO-2954.

Applications

- Measures acceleration, velocity, or displacement of a vibrating structure
- Make fast, accurate vibration measurement in the field or in a laboratory setting
- Perform a rough modal analysis of a structure



Features

- 3.5 inch LED display
- Power Supply: One 9V battery
- Automatic power-off after 60 seconds
- External accelerometer probe (shown) available as optional equipment

Specifications

Size:	186 x 70 x 32 mm
Weight:	300 g
Frequency Range:	Acceleration: 10 Hz - 1 kHz OR 1 kHz - 10 kHz Velocity: 10 Hz – 1 kHz Displacement: 10 hz – 1 kHz
Measurement Range:	Acceleration: 0.1 – 199.9 m/s ² (peak value) Velocity: 0.01 – 19.99 cm/s Displacement: 0.001 – 1.999 mm (peak to peak value)
Precision:	+/- 2% (Display data +/- 5%)

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