



MT965 Vibration Meter

The MT965 probe type Vibration Meter and is a product based on piezoelectric effect of artificially polarized ceramics. The meter has a colour display with all measurements indicated simultaneously, plus a colour bar graph for quick indication of the vibration status. The screen display can be rotated to allow the user to read the results of the readings in whichever way the vibration has been tested, there is also a convenient Measure button at the base of the meter for when the meter is used pointing down. Readings can be stored on the meter for later analysis. Based on the measuring requirements, the user can select different probes, a short probe, a long probe or simply no probe at all for flat surfaces. It is suitable for conventional vibration measurement of mechanical equipment, especially for rotating and reciprocating machinery. It can measure vibration displacement, velocity and acceleration, and is widely used in the fields like machinery manufacturing, electric metallurgy and general aerospace. All industrial machinery vibrates therefore knowing the level of vibration is a useful guide for determining the machine condition. Poor balance, misalignment and looseness of the structure will cause vibration levels to increase. This is a sure sign that maintenance is needed.



Features

- Measures acceleration, Velocity and Displacement
- Display screen can be rotated for ease of use
- Switch acceleration measurement between High frequency: 1kHz – 4kHz and Low frequency: 10Hz – 1kHz
- Curve display
- Store and view files
- Double Measurement button
- Colour LCD display with brightness control
- Selection of machine level
- Microprocessor Controlled

Function	Range
Velocity Acquisition	Piezoelectric ceramic accelerometer (Shear type)
Measurement Range	Acceleration: 0.1 – 199.9m/s ² ±10%
	Velocity: 0.1 – 199.9mm/s ² ±10%
	Displacement: 0.001 – 1.999mm ±10%
Frequency Range of Acceleration Measurement	High Frequency: 1kHz – 4kHz
	Low Frequency: 10Hz – 1kHz
Frequency Range of Velocity Measurement	Low Frequency: 10Hz – 1kHz
Frequency Range of Displacement Measurement	Low Frequency: 10Hz – 1kHz
Maximum Groups of Data Storage	500 pieces (5 groups – 100 pieces per group)
Power Source	2 x 1.5V AAA battery
Size	180 x 54 x 30mm
Weight	150g



Colour LCD with brightness control and Simultaneous Readings



Screen Rotates 360°



Convenient Second Measure Button at Base



Non-Slip Rubber Grip

MT965 | Vibration Meter

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