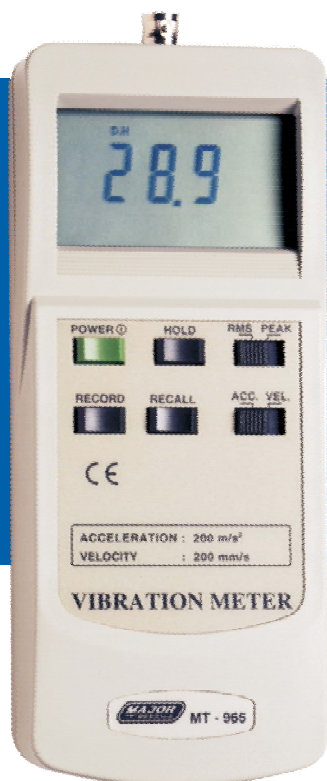




Vibration Meter

Technical Data



MT965

The MT965 is a portable vibration meter used for measuring acceleration and velocity. 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 the vibration level to increase. This is a sure sign that maintenance is needed. The MT965 has a microprocessor and is the ideal instrument for industrial vibration monitoring.

Features Include:

- Vibration meter
- Velocity range 200 mm/s
- MIN/MAX Record Mode
- Wide Frequency range 10Hz ~ 1KHz
- Separate Vibration Probe with magnetic base
- RMS and Peak Measurement
- Auto Power Off
- Microprocessor based
- Super large LCD Display
- Low Battery Indication
- Data Hold

Ordering Information

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General Specifications

Display	: 61mm X 34mm super large LCD display . : 15mm (0.6") digit size.
Measurement	: Velocity, Acceleration RMS value, Peak value, Data hold, Max & Min value
Range	: Velocity: 200mm/s: 0.5 to 199.9mm/s : Acceleration: 200m/s ² : 0.5 to 199.9m/s ²
Frequency Range	: 10Hz to 1kHz
Accuracy	: ± (5% + 2d) reading, 160Hz, 80Hz @ 23 ± 5°C
Calibration Point	: Velocity: 50mm/s (160Hz) : Acceleration: 50m/s ² (160Hz)
Circuit	: Exclusive microcomputer circuit
Data Hold	: Freeze the desired reading
Peak Measurement	: To measure the peak value. : *Peak value = 1.414 RMS value
Memory	: Maximum and minimum value
Power Off	: Auto shut off, saves battery life, or manual off by push button
Sampling Time	: Approx. 1 second
Operating Temperature	: 0°C to 50°C (32°F ~ 122°F)
Operating Humidity	: Less than 80% RH
Power Supply	: Alkaline or heavy duty type, DC 9V battery, 006P, MN1604 (PP3) or equivalent
Power Consumption	: Approx. DC 6mA
Weight	: Meter: 274g : Probe with magnetic base: 38g
Dimensions	: Main Instrument: 185 X 78 X 38mm : Vibration Sensor Probe: Round 16mm, Dia. x 29mm
Accessories Included	: Instruction manual 1pce, Vibration sensor (VB-81A) 1pce, Cable 1pce, Magnetic base 1pce, carrying case 1pce.