

Vibration Meter (Model VM908)



Masibus VM908 vibration meter is a basic portable vibration measurement product that reads vibration in various mode. It provides essential periodic monitoring of fan, pump, motor and other industrial machines. It measures the vibration to which it is exposed.

Masibus has a proven track record of manufacturing portable instruments and online process monitoring instruments for over 3 decades. Vibration meter makes cost-effective off line vibration monitoring instrument with various important parameter i.e. displacement, velocity, acceleration.

Vibration meter is a strategic tool for predictive maintenance. It measures off line vibration and provides easy evaluation of health of machines. On this basis further analysis can be done using vibration analyzer for diagnosing the machine problem.

Vibration is measured in terms of r.m.s. and peak. When overall vibration is to be measured, r.m.s. and peak measurement technique is considered best for general machine health.

VM908 is very handy easy to use device for any maintenance crew. It gives very easy understanding of equipment health and guides for repairs. It is also good tool to check out if repair has improved health of machine. Maintenance team can be confident about repair work done by ensuring that vibration reading post repair has gone down and machine is healthy.

Features

- *Backbone of Predictive maintenance*
- *Essentials for Good Maintenance*
- *Necessary Instrument for Tool Box*
- *Basic vibration measurement*
- *Measurement of overall vibration level in rotating machines*
- *Parameter: Displacement, Velocity, Acceleration*
- *Frequency range: 10 Hz to 5 KHz*
- *High Frequency: Acceleration (unit:m/s²): Equivalent peak*
- *Battery: 9V 6F22, 25 hours of continuous operation*

VM908

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HARDWARE SPECIFICATIONS	VM908
Portable	Light, fit's easy in pocket
Display	3 1/2 LCD digital display Automatic power off
Sensor Mounting	Magnetic mounting
Sensor Type	Piezoelectric Accelerometer
Vibration Range / Mode	Displacement: 1-1999 micron (peak-peak) Velocity: 0.1-199.9 mm/s true RMS Option peak-peak Acceleration: 0.1-199.9 m/s ² peak Option (peak-peak)
Accuracy	+/- 5% of display +/- 2 digits
Frequency responses	Displacement : 10-1000Hz Velocity : 10-1000Hz Acceleration : 10-5000Hz
Dimensions	13x6x2.3 cm; Weight: 200 g.
Temperature	5 - 50°C
Functions of the (Measure) key:	a). Key press: Power-on and begin measuring b). Key release: Hold the measured value for twenty seconds and then power off automatics

ACCESSORIES	VM908
Accelerometer	1 number
Extension probe	1 number
Sensor cable	2 numbers
Magnetic mount	1 number
Carry bag	1 number