

# VIBROMETER VIB - 40

(Suitable for Monitoring Machine Vibration caused by imbalance, Misalignment and Gear Faults)

## Features

- ❖ Measuring Vibration Velocity and Acceleration
- ❖ True RMS measurement
- ❖ Sealed Membrane key pad
- ❖ Micro Controller based
- ❖ Back Light Display
- ❖ Auto Off
- ❖ Battery Low Indication with text
- ❖ Pocket size and Light weight



Vibrometer **VIB-40** is Micro controller based and has been designed as simple diagnostic tool for preventive maintenance. The instrument and the monitoring techniques are based on the recommendations of ISO standard.

Need based maintenance is the latest trend of industry with which maintenance costs are low and life machinery is most optimum. Condition monitoring is basic need for need maintenance.

The above useful measurements are possible with Vibrometer VIB-40. Velocity and acceleration modes allow a user to perform basic vibration analysis.

## Technical Data

- Velocity Measuring Range: 0.1 to 199.9 mm/sec True 282 mm/s Peak & True RMS
- Accuracy:  $\pm (2\% + 0.1\text{mm/s})$
- Acceleration Measuring Range: 0.1 to 199.9 m/sec<sup>2</sup> 282 m/s<sup>2</sup> Peak (0.1 – 20.4g) & True RMS
- Accuracy:  $\pm (2\% + 0.1\text{m/s}^2)$
- Resolution: 0.1 mm/s
- Frequency response : 10HZ - 1KHZ
- Power Supply: 9V - 6 F22
- Display: 2 x 8 Dot Matrix LCD Large Characters with back light
- Auto Off: Yes
- Battery Low Indication: Yes
- Weight: 200gms

## Standard Supply:

- 1) Vibration Meter VIB-30 with Protective Pouch, 2) Vibration Transducer (Accelerometer), Magnetic Base, Hand Held Probe Rod, Low Noise Cable with Connectors (1.5 Mtrs), 3) 9V Battery (Alkaline), 4) Test & Calibration Report with Warranty/Guarantee Certificate, 5) Manual & 6) Carry Case.



## MCM INSTRUMENTS

(An ISO 9001:2008 Certified Company)

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