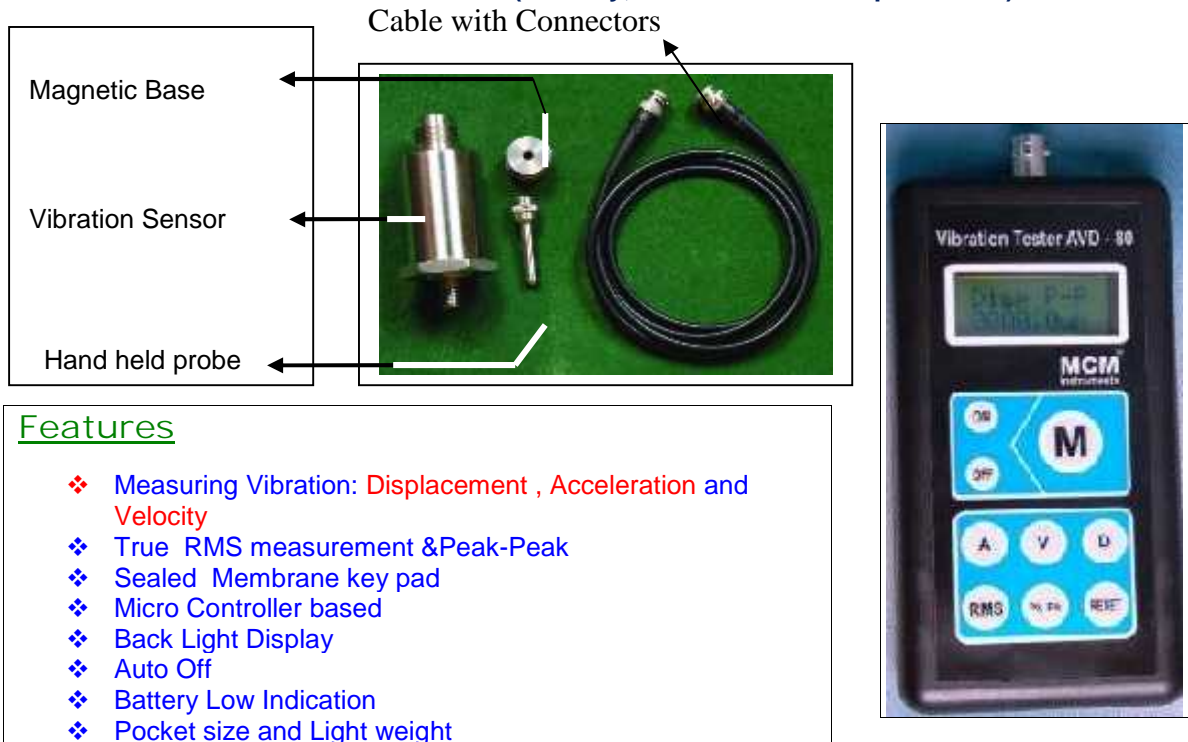


VIBRATION TESTER AVD - 80

(Velocity, Acceleration & Displacement)



Features

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

Vibration Tester **AVD-80** Micro Controller Based has been designed as simple diagnostic tool for preventive maintenance. The instrument and the monitoring technique 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 maintenance.

All three useful measurements are possible. Suitable for monitoring machinery vibration caused by imbalance, misalignment and gear faults. Displacement, Velocity and acceleration modes allow a user to perform basic vibration analysis.

Technical Data

- Velocity Measuring Range: 0.1 - 200 mm/sec True RMS, 0.1 - 565 mm/s PK – PK
- Accuracy: $\pm (2\% + 0.1 \text{ mm/s})$
- Acceleration Measuring Range: 0.1 - 200 m/sec² True RMS, 0.1 - 565 m/s² PK – PK
- Accuracy: $\pm (2\% + 0.1 \text{ m/s}^2)$
- Displacement Measuring Range: 1.0 - 1000 μm True RMS, 1.0 - 2828 PK - PK
- Accuracy: $(\pm 5\%)$
- Resolution: 0.1 mm/s
- Frequency response : 10HZ - 1KHZ
- Temperature Range 0 - 55°C
- 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
- Size 135x70x25mm

Standard Supply

- 1) Vibration Tester AVD-80 with Pouch, 2) Vibration Transducer (Accelerometer) - Magnetic Base - Hand Held Probe Rod - Low Noise Cable with Connectors (1.5 Mtrs), 3) Manual, 4) 9V Battery (Alkaline), 5) Test & Calibration Report with Warranty/Guarantee Certificate & 6) Carry Case.



MCM INSTRUMENTS

(An ISO 9001:2008 Certified Company)

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