

MP-370 VIBRATION METER



APPLICATION:

used for measuring periodic motion, to check the imbalance and deflecting of moving machinery. It is specifically designed for present measuring various mechanical vibration. So as to provide the data for the quality control, run time and equipment upkeep. Use the high-performance acceleration meter, realize the repetitiveness and accurate measurement. It has the function of displaying "Velocity, Acceleration, Displacement" in same time.

SPECIFICATIONS :

Display: 4 digit LCD backlit

Measurement Range:

Velocity : 0.01-400.0 mm/s 0.000-16.00 inch/s true RMS

Acceleration : 0.1-400.0 m/s² 0.3-1312 ft/s² 0.0-40g equivalent peak

Displacement : 0.001-4.000mm 0.04-160.0 mil equivalent peak-peak

Frequency Range for Measuring: 10Hz. to 10kHz.

Accuracy: 5% of reading + 2 digits

Metric/ Imperial conversion

Analogue Output: AC output 0~2.0V peak full scale
(load resistance: above 10k)

With Max. value hold and low battery indication

PC interface: RS232C or Bluetooth interface (Cable & software is not included)

Power supply: 2x1.5v AA size (UM-3) batteries

Power off : Manual off at any time or auto power off is enabled by user

Operating conditions:

Temperature : 0-50 °C

Humidity : below 95% RH

Dimensions: 124x62x30mm/4.9x2.4x1.2 inch

Weight: 120g (not including batteries)

Accessories included :

Powerful rare earth magnet 1 pc.

Accelerometer 1 pc.

Stinger probe (Cone) 1 pc.

Stinger probe (Ball) 1 pc.

Carrying case 1 pc.

Operation manual 1 pc.

Optional accessories: Headphones for use as electronic stethoscope

Cable and software for RS232C