

VIBRATION METER

Extremely reliable and portable, low cost instrument specifically designed for on site maintenance in your plant or workshop. This easy to use instrument requires little operator training.

Features:

Measuring vibration velocity, displacement, acceleration and high frequency acceleration.

Hold function.

Automatic power off.

3 ½ LCD digital display, sampling per second.

Small size, transducer included, battery powered, no other component required.

Accelerometer with handheld probe and/or magnetic mount.

One button control both power and measurement. Very easy for use.

Suitable for monitoring machinery vibration caused by out-of-balance, misalignment, gear damage, bearing faults and etc.



Specifications:

Range	Displacement 1 – 1999 μm (or 200mil) peak-peak Velocity 0.1 – 199.9 mm/s (or 20in/s) true RMS Acceleration 0.1-199.0 m/s^2 (or 20 g) peak High Frequency Acceleration 0.1 – 199.9 m/s^2 (or 20g) peak
Overall Accuracy	$\pm 5\%$
Operation Environment	0 - 50°C Relative humidity: < 85%
Frequency response	Displacement 10 – 1000 Hz Velocity 10 – 1000 Hz Acceleration 10 – 5000 Hz High Frequency Acceleration 1000 – 5000 Hz $\pm 10\%$
Battery	9 Volt, 25 hours of continuous operation 6F22 Rechargeable, 10 hours of continuous operation
Dimensions	130mm x 60mm x 23mm (w x d x h)
Weight	200g (include batteries)
Case Material	Aluminum