

Portable Vibration Tester



- Portable vibration analyzer
- Integral / removable printer
- Frequency spectrogram
- Memory unit



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The vibration tester is an extremely light and portable low cost instrument specifically designed for on site preventative maintenance in your plant or workshop. It measures overall vibration level and provides a frequency analysis of rotating machinery. There are significant benefits in using the tester to assess the results of repair work.

This easy to use instrument requires very little operator training. The integral / removable printer supplies a hard copy of results for interpretation by your engineering department.

The tester offers more than just accurate readings and easy operation. For more in-depth analysis of a problem the frequency spectrogram is available at the push of a button, giving you enough information to identify problems correctly.

Main Functions

- * Measurement of displacement; peak to peak value (mm)
- * Measurement of velocity; effective value rms (m/s)
- * Large memory of 100 results and 10 frequency spectrograms
- * Includes a hand-held accelerometer probe with a removable magnetic base
- * Rechargeable
- * Easy-to-read LCD display showing all functions, parameters, and spectrogram.

Technical Specifications

* Acceleration:	peak value from 0.1 to 200 (m/s ²)	frequency range:	10Hz to 500Hz 10Hz to 1KHz 10Hz to 10KHz
* Velocity:	rms from 0.01 to 20.0 (m/s)	frequency range:	10Hz to 500Hz 10Hz to 1KHz
* Displacement:	peak to peak from 0.001 to 2.0 (mm)	frequency range:	10Hz to 500Hz
* Operating temperature:	0 to 45°C		
* Power supply:	NiMH cell 4x1.25V rechargeable		
* Dimensions:	270mmx86mmx47mm		
* Weight:	0.65kg		

The tester includes a hand-held accelerometer probe with a removable magnetic base, battery charger and removable printer in a protective carrying case.