

# Portable Vibration Tester TV110

**Processor Controlled Portable Vibration Analyser • Integral / Removable printer • Frequency Spectrogram • Memory Unit**



The TV110 vibration analyzer 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 TV110 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 TV110 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.

## Features

- 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

## Specifications

Acceleration:	peak value from 0.1 to 199.9 m/s <sup>2</sup>	<u>Frequency Range</u> 10Hz-500Hz 10Hz-1kHz 10Hz-10kHz
Velocity:	RMS from 0.01 to 19.99 cm/s	10Hz-500Hz 10Hz-1kHz
Displacement:	Peak to Peak value from 0.001 to 1.999 mm	10Hz-500Hz
Operating temperature:	0 - 40 °C	
Power supply:	NiMH cell 4 x 1.25V rechargeable	
Dimensions:	270mm x 86mm x 47mm	
Weight:	650g	

## Standard delivery

- Hand-held accelerometer probe with a removable magnetic base
- Removable printer
- Battery charger
- Carrying case with Combination Lock



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