

909z Pen-size Bearing Condition Detector

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:

- Small pen-size with accelerator included.
- Hold function.
- Automatic power off.
- 4 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 power, parameter selector, measurement and holding.
- Measure vibration velocity for overall evaluation of the machine health (caused by rotational and structural problems like imbalance, misalignment, looseness, etc.)
- Measure acceleration envelop in higher frequencies (caused by rolling element bearing or gear mesh problems).
- 3 years warranty.



Specifications:

Range	Velocity 0.1 – 199.9 mm/s (or 20in/s) true RMS High Frequency Acceleration Enveloping 0.1 – 20 units
Overall Accuracy	± 5%
Operation Environment	0 - 50°C Relative humidity: < 85%
Frequency response	Velocity 10 – 1000 Hz Acceleration Enveloping 5 – 2000 Hz, demodulated from 3kHz – 10kHz
Battery	2 AA batteries, 3.6 V, 4-7 mA & >100 hours of continuous operation
Dimensions	160mm x 25mm x 17mm (w x d x h)
Weight	120g (include batteries)
Case Material	Aluminum

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