

### Product Description

Can display the parameters of "Displacement", "Velocity" and "Acceleration" simultaneously; Applied to the periodic motion measurements to detect moving mechanical imbalances and misaligned. Designed for on-site measuring various mechanical vibration, for quality control, running time and prior equipment maintenance data. Selection of high-performance accelerometers to achieve accurate, replicable measurement. It has a bearing condition measurement function.

### Product Feature

- \* Can display the parameters of "Displacement", "Velocity" and "Acceleration" simultaneously.
- \* In accordance with ISO 2954, used for periodic measurements, to detect out-of-balance, misalignment and other mechanical faults in rotating machines.
- \* Specially designed for easy on site vibration measurement of all rotating machinery for quality control, commissioning, and predictive maintenance purposes.
- \* Individual high quality accelerometer for accurate and repeatable measurements.
- \* Wide frequency range (10Hz~10kHz) in acceleration mode.
- \* AC output socket for headphones and recording.
- \* Optional headphones for use as electronic stethoscope.
- \* Bearing condition monitoring function.
- \* Use "USB data output" and "RS-232 data output" with connection PC



### Product Parameters

Transducer	Piezoelectric accelerometer
Accuracy	±5%+2 digits
Measurement Range	Displacement : 0.001-4.000mm equivalent peak-peak / 0.04-160.0 mil
	Velocity : 0.01-400.0 mm/s true RMS / 0.000-16.00 inch/s
	Acceleration : 0.1-400.0 m/s <sup>2</sup> equivalent peak / 0.3-1312 ft/s <sup>2</sup> / 0.0-40g
Frequency Range	Displacement : 10Hz. ~ 1kHz.
	Velocity : 10Hz. ~1kHz.
	Acceleration: 10Hz. ~ 10kHz.
Operating Conditions	Temperature : 0-50 °C
	Humidity : below 95% RH
Analogue Output	AC output 0~2.0V peak full scale (load resistance: above 10k)
Power Supply	2x1.5vAA (UM-3) Battery
Size	130x70x30mm
Weight	305g (Not including Batteries)

### Product Accessories

Standard Accessories	Host
	Magnetic Suction Seat
	Probe (Cone)
	Probe (Spherical)
	Piezoelectric Sensor
	Carrying Case
	Manual Book
Optional Accessories	Headset
	USB Data Output
	RS-232 Data Output