

Vibration Meter Model VM-6370



1.การใช้งาน

Used for measuring periodic motion, to check the imbalance and deflecting of moving machinery. Specifically designed for present measuring various mechanical vibration. So as to provide the data for the quality control, run time and equipment upkeep.

2.คุณสมบัติ

- * 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.
- * Optional headphones for use as electronic stethoscope.
- * Bearing condition monitoring function.
- * Use "USB data output" and "RS-232 data output" to connect with PC.

3. รายละเอียด

Sensor	Piezoelectric Transducer
Measuring Parameters & Range	Acceleration: 0.1~400 m/s ² 0.3~1312 ft/s ² 0.0~40 g Equivalent Peak
	Velocity: 0.01~400 mm/s 0.004~16.0 inch/s True RMS
	Displacement: 0.001~4.0 mm 0.04~160.0 mil Equivalent Peak-peak
	Frequency: 5 Hz ~ 1k Hz
Frequency Range	Acceleration: 10 Hz ~ 10k Hz
	Velocity: 10 Hz ~ 1k Hz
	Displacement: 10 Hz ~ 1k Hz
Accuracy	5 % of Reading + 2 digits
Metric / Imperial Conversion	
Analogue Output	AC Output 0~2.0 V Peak Full Scale (Load Resistance: Above 10k)
Max. Value Hold	
Power Off	Manual Power Off or Auto Power Off
Battery Indicator	Low Battery Indicator
Data Output	USB, RS-232
Operating Conditions	Temperature: 0~50 °C Humidity: <90 %RH
Power Supply	2 x 1.5V AA size (UM-3) Battery
Dimensions	130 x 76 x 32 mm
Weight	340 g (Not Including Batteries)

4. อุปกรณ์

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