

BESTONE Vibration Meter & Analyzer VM-6360

Application

Usage & Applications: Specially designed for easy on site vibration measurement of all rotating machinery for quality control, commissioning, predictive maintenance purposes, bearing condition maintenance function, conditional examination of oscillations of machines and construction units such as imbalance, loop alignment error and other errors in rotary machines.

Standardization: We constantly keep in mind that the safety of the user should always comes first and so we made sure that our products comply with all the necessary health and safety required standards set by the European Directives thru its CE marking. Certified to meet the following rigorous standards of ISO-2954, used for periodic measurements to detect out-of-balance, misalignment and other mechanical faults in rotating machines.



Key Features

- * Has CE marking, conforms with the essential health and safety requirements set out by the European Directives
- * Conforms to international standards and passed the standards of ISO-2954
- * Measures vibration in terms of Displacement, Velocity, Acceleration and High Frequency Acceleration in Metric & Imperial units
- * Lightweight, easy to use, compact and can be easily put into your pocket
- * With individual high quality accelerometer for accurate and repeatable measurements with magnetic base
- * Wide frequency range of 10Hz to 10kHz in acceleration mode
- * Quick accurate analysis for checking balance and alignment of a rotating object
- * Bearing condition monitoring function
- * With AC output socket for headphones and recording (headphones are not included)
- * Features fast, accurate and exact reading with no guessing or errors are clearly & legibly shown on an easy-to-read 4 digits 18mm LCD screen instantly
- * With auto power off to help in battery power conservation to prolong battery life
- * With battery status notification and high measuring range with high resolution
- * With long lasting components & durable components are encased in a ABS-plastic casing for years of maintenance-free operation
- * With FREE Protective & sturdy carrying case with contoured rubber compartments that fits the device perfectly. When closed, it then sandwiched between rubber foam to achieve optimum shock absorption

Specification

- * Standardization: CE & ISO-2954
- * Parameters Measured: Velocity, Acceleration, Displacement, RPM and Frequency
- * Transducer: Piezoelectric accelerometer
- * Metric and Imperial Conversion
- * Max Hold
- * Low battery indicator

Measuring Range	Speed: 0.1-400.00mm/s
	Velocity: 0.000-16.00inch/s
	Acceleration: 0.01-400m/s ²
	Acceleration: 0.1-200m/s ² , 0.3-1312 ft/s ²
	Displacement/offset: 0.001-4.00mm, 0.04-160.0mil
Turns	60-99990 (rpm)
Revolution	60-99990 R.P.M.
Frequency Range	Velocity: 10Hz to 1kHz
	Acceleration: 10Hz to 1kHz in 1 mode, 10Hz to 10kHz in 10 mode for bearing condition check
	Displacement: 10Hz to 1kHz
Accuracy	<5% +2 digits
Resolution	0.01(mm/s ²)
	0.1(mm/s ²)
	0.001(mm)
	1(U/min)
Output	AC output 2.0V peak full scale (load resistance: above 10k)
Power Supply	4 x 1.5 AAA size (UM-4) batteries
2 Power Off modes	Manual off at any time
	Auto power off after 5 minutes from last key operation
Operating Condition	Temperature is 0~40°C
	Humidity below 90% RH
Dimension	124mm x 62mm x 30mm
Weight	181g

Accessories

- * Powerful rare earth magnet x1
- * Piezoelectricity Transducer x1
- * Cone Stinger Probe x1
- * Ball Stinger Probe x1
- * Protective Carrying Case with contoured rubber foam inside x1
- * Operation Manual x1
- * **Optional accessory:** cable & software for RS232 interface

