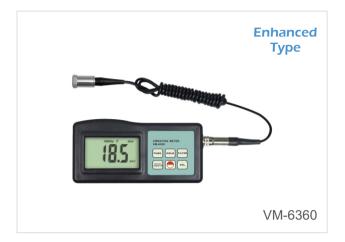
Vibration Meter





Model: VM-6360 (Enhanced Type)
VM-6320 (Functional Type)
VM-6310 (Basic Type)

Applications

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.

- * VM-6360 has wide frequency range (10Hz~10kHz) in acceleration mode
- * VM-6320 / VM-6310 are simple and easy to use.

Features

- * 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.
- * Optional headphones for use as electronic stethoscope.
- * Use RS-232 data output to connect with PC.
- * Provide Bluetooth data output choice.

Vibration Standard

ISO/IS2373 Motor Quality Standard According As Vibration Velocity						
Quality Rank	Rev (rpm)	H: high of shaft (mm) Maximum vibration velocity rms (mm/s)				
		80 <h<132< td=""><td>132<h<225< td=""><td>225<h<400< td=""></h<400<></td></h<225<></td></h<132<>	132 <h<225< td=""><td>225<h<400< td=""></h<400<></td></h<225<>	225 <h<400< td=""></h<400<>		
Normal	600~3600	1.8	2.8	4.5		
Good (R)	600~1800	0. 71	1. 12	1.8		
	1800~3600	1. 12	1.8	2. 8		
Excellent (S)	600~1800	0. 45	0.71	1. 12		
	1800~3600	0. 71	1. 12	1.8		

DIGITAL INSTRUMENT

Specifications

Model		VM-6360	VM-6320	VM-6310		
Sensor		Piezoelectric Transducer				
Measuring Range	Acceleration	0.1~400 m/s² Equivalent Peak	0.1~199.9 m/s² Equivalent Peak			
	Velocity	0.01~400 mm/s True RMS	0.01~199.9 mm/s True RMS	0.01~199.9 mm/s True RMS		
	Displacement	0.001~4.0 mm Equivalent Peak-peak	0.001~1.999 mm Equivalent Peak-peak			
Frequency Range	Acceleration	10Hz~	10Hz~10kHz			
	Velocity	10Hz-	10Hz∼1kHz			
	Displacement	10Hz∼1kHz				
Accuracy		5% of Reading + 2 digits				
Operating	Temperature	0~50 °C				
Conditions	Humidity	<90 %RH				
Power Supply		4x1.5V AAA (UM-4) Battery	4x1.5V AA (UM-3) Battery			
Dimensions		124x62x30mm	160x68x32mm			
Weig	ht	120 g (Not Including Batteries)	cluding Batteries) 181 g (Not Including Batteries)			
Standard Ac	Standard Accessories Main Unit					
		Piezoelectric Transducer				
			Powerful Rare Earth Magnet			
	Probe (Cone) & Probe (Spherical)					
		Carrying Case (B04)				
	Manual Book					
Optional Accessories		Headset				
		RS-232C Data Cable with Software				
Bluetooth Data Adapter with Software						

Accessories

Accessories	Diagram	Using Situations	Using Method
Piezoelectric Transducer		General vibration parameters measurement of objects.	Be used with Powerful Rare Earth Magnet & Stinger Probe.
Rare Earth Magnet		Magnetic objects with flat surface, roughness of less than Ra1.6, acceleration \leq 20m/s.	connect the vibration sensor with Rare Earth Magnet with the M5 bolt included. And then place the Rare Earth Magnet to the object to be tested.
Stinger Probe (Ball / Cone)	*	Frequency is less than 1KHz and vibration energy is not small.	Connect the needle to the sensor directly by using probe groupware.