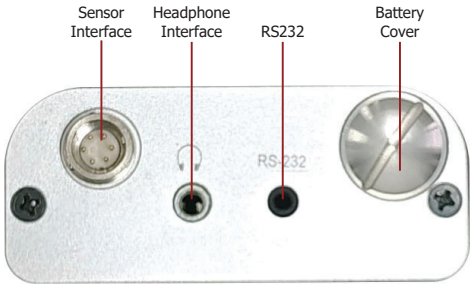
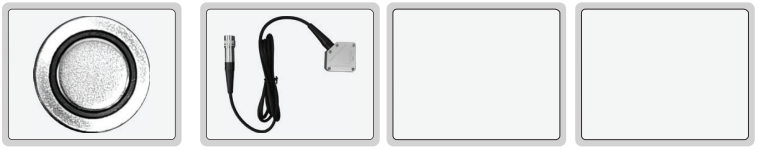
3-AXIS VIBRATION TESTER
CODE:iVibra-6380

- Uses piezoelectric acceleration transducer to convert vibration signal.
- In accordance with ISO 2954,GB13823.3, 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.
- 3 accelerators in 1 sensor for 3-axis vibration measurement.
- 3 same parameters in one display for 3 dimensional measurement or 1 dimensional measurement specified, showing 3 different parameters of velocity, acceleration and displacement in 1 display.
- Bearing condition monitoring function.
- LCD digital display with back light.
- Lightweight and easy to use.
- Wide frequency range (10Hz.~10kHz.)
- Automatic power shut off to conserve power.
- AC output socket for headphones and recording.
- Optional headphones for use as electronic stethoscope.
- Optional software and cable for RS232C.



STANDARD DELIVERY

Powerful rare earth magnet	1
3 Piezoelectric accelerometers in 1 sensor	1
Stinger probe (Cone)	1
Stinger probe (Ball)	1
Carrying case	1
Operational instruction manual	1



Powerful rare earth magnet | 3 Piezoelectric accelerometers in 1 sensor | Stinger probe (Ball) | Carrying case

OPTIONAL DELIVERY

Headphones for use as electronic stethoscope	
Cable and software for RS232C or USB	
Bluetooth	

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TECHNICAL SPECIFICATION

Model	MS-6380	
Vibration Sensor	3-Axis Piezoelectric accelerometer	
Display	4 digit LCD backlit	
Axial Vibration	any one axis of X , Y, Z or 3 axes of XYZ	
Accuracy	±(5%n+2) digits	
Measurement Range	Displacement	0.001-4.000mm Equivalent Peak-Peak; 0.04-160.0 mil
	Acceleration	0.1-400.0 m/s Equivalent Peak; 0.3-1312 ft/s; 0.0-40g
	Velocity	0.01-400.0 mm/s True RMS; 0.04-16.00 inch/s
Frequency Range	Displacement	10Hz. ~ 1kHz.
	Acceleration	10Hz. ~ 10kHz
	Velocity	10Hz. ~1kHz.
Analogue Output	AC output 0~2.0V peak full scale(load resistance: above 10k)	
	With Max. value hold and low battery indication	
	Metric/ Imperial conversion	
PC interface	RS232C (Cable and software is not included)	
Power off	Manual off at any time or auto power off is enabled by user	
Operating conditions	Temperature	0-50 °C
	Humidity	below 95% RH
Power supply	2x1.5vAA (UM-3)Battery	
Size	130x70x30mm	
Weight	305g (Not including Batteries)	

displacement mm

displacement mil

velocity inch/s

velocity mm/s

acceleration m/s²

acceleration ft/s²

acceleration g

Max Data

X-axis Measurement

Y-axis Measurement

Z-axis Measurement

DISP
(Displacement Measurement Mode)

VEL
(Velocity Measurement Mode)

ACC
(Acceleration Measurement Mode)

Operation Interface