



SMART SENSOR – Handheld Digital Vibration Meter

Brand: Smart Sensor

Model: AR63B



FUNCTIONS:

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.

ACCURATE MEASUREMENT:

The vibrometer use the high-performance acceleration meter, realize the repetitiveness and accurate measurement. It has the function of testing axle bearing situation.

WORKING PRINCIPLE:

Vibration meter (also called also called vibration severity) uses Piezoelectric Acceleration Transducer transfer the vibration signal in to electrical signal, analyse the input signals, and show the Acceleration, speed, shift of the vibration.

WIDE APPLICATION:

Widely used in the lines of Power, petrochemical, machinery manufacturing, metallurgy, vehicles, etc.

FEATURES:

Multi-functional, with temperature measurement, auto switch range, backlight, auto power off.

Technical Specification:

Model	AR63B	
Measuring Range	Acceleration	0.1 to 199.m/S ² peak(rms*v2)
	Velocity	0.1 to 1999.9mms rms
	Displacement	0.001 to 1.999mm p-p(rms*2v2)
Frequency Response	Acceleration	10Hz to 1KHz(LO), 1KHz to 15KHz(HI)
	Velocity / Displacement	10Hz to 1KHz
Accuracy	±5%±2digits	
Data Output	AC Output 2V Peak,Load	
Test Mode	Acceleration / Velocity / Displacement	
Sampling Rate	1S	
Low Battery Indication	√	
Auto Shut Off	√	
Power	9V Battery(6F22)	
Battery Life	25 hours Continuous Operation	
Weight	137g	
Dimension (LxWxH) (mm)	160mm x 80mm x 40mm	

STANDARD CONFIGURATION OF PACKAGE:

