

VIBRATION METER

Model : VB-8201HA

ISO-9001, CE, IEC1010



FEATURES

- * Applications for industrial vibration monitoring : All industrial machinery vibrates. The level of vibration is a useful guide to machine condition. Poor balance, misalignment and looseness of the structure will cause the vibration level increase, it is a sure sign that the maintenance is needed.
- * Frequency range 10 Hz - 1 kHz, sensitivity relative meet ISO 2954.
- * Supply with vibration sensor & magnetic base, full set.
- * Velocity range : 200 mm/s.
- * Acceleration range : 200 m/s²
- * RMS & Peak measurement.
- * Data hold, Memory (Max. & Min.).
- * Separate vibration probe.
- * Optional data acquisition software.
- * Microcomputer circuit.
- * Auto shut off saves battery life.
- * Hard carrying case include.



LUTRON ELECTRONIC

The Art of Measurement

VIBRATION METER

Model : VB-8201HA

FEATURES

* Applications for industrial vibration monitoring : All industrial machinery vibrates. The level of vibration is a useful guide to machine condition. Poor balance, misalignment & looseness of the structure will cause the vibration level increase, it is a sure sign that the maintenance is needed.	* RMS & Peak measurement.
	* Wide frequency range.
	* Data hold button to freeze the desired reading.
	* Memory function to record maximum and minimum reading with recall.
	* Separate vibration probe, easy operation.
* Frequency range 10 Hz - 1 kHz, sensitivity relative meet ISO 2954.	* Super large LCD display.
	* Microcomputer circuit, high performance.
* Professional vibration meter supply with vibration sensor & magnetic base, full set.	* Auto shut off saves battery life.
	* Built-in low battery indicator.
* Velocity measuring range 200 mm/s.	* Heavy duty & compact housing case.
* Acceleration measuring range 200 m/s ² .	* Complete set with the hard carrying case.

SPECIFICATIONS

Display	61 mm x 34 mm supper large LCD display. 15 mm (0.6") digit size.	Memory	Maximum & Minimum value.	
		Sampling time	Approx. 1 second.	
		Operating temperature	0 to 50 °C (32 to 122 °F).	
Measurement	Velocity, Acceleration RMS value, Peak value, Data hold, Max. & Min. value.	Operating humidity	Less than 80% RH.	
		Power supply	Alkaline or heavy duty type, DC 9V battery, 006P, MN1604 (PP3) or equivalent.	
Range	<i>Velocity :</i> 200 mm/s : 0.5 to 199.9 mm/s	Power consumption	Approx. DC 6 mA.	
	<i>Acceleration :</i> 200 m/s2 : 0.5 to 199.9 m/s2			
Frequency range	10 Hz to 1 KHz <i>* Sensitivity relative during the the frequency range meet ISO 2954</i>	Weight	<i>Meter</i>	274 g/0.60 LB
			<i>Probe with magnetic base</i>	38 g/0.08 LB
		Dimension	<i>Meter :</i> 185 x 78 x 38 mm (7.3 x 3.1 x 1.5 inch).	
Accuracy	± (5 % + 2 d) reading <i>@ 80 Hz, 160 Hz.</i> <i>@ 23 ± 5 °C</i>		<i>Vibration sensor probe:</i> Round 16 mm Dia. x 29 mm.	
Calibration point	Velocity : 50 mm/s (160 Hz) Acceleration : 50 m/s2(160 Hz)			
Circuit	Exclusive microcomputer circuit.	Accessories included	Instruction manual..... 1 PC.	
Data hold	Freeze the desired reading.		Vibration sensor (VB-81A) 1 PC.	
Peak measurement	To measure the peak value.		Cable..... 1 PC.	
Power off	Auto shut off, saves battery life, or manual off by push button.		Magnetic base..... 1 PC.	
			Carrying Case..... 1 PC.	

* Appearance and specifications listed in this brochure are subject to change without notice.

0603-VB8201HA