

VIBRATION METER

Model : VB-8200

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.
- * RS 232 computer interface.
- * Optional data acquisition software.
- * Microcomputer circuit.
- * Auto shut off saves battery life.
- * Hard carrying case include.



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LUTRON ELECTRONIC

The Art of Measurement

VIBRATION METER, Model : VB-8200

FEATURES	
* Professional vibration meter supply with vibration sensor, full set.	* Seperate vibration probe, easy operation
* Velocity : 2 ranges, 20 and 200 mm/S.	* RS 232 computer interface.
* Acceleration : 2 ranges, 200 and 2000 m/S ^2.	Optional data acquisition software software for data record & datalogger.
* RMS & Peak measurement, peak function to hold the peak value.	* Super large LCD display.
* Wide frequency range.	* Microcomputer circuit, high performance.
* Data hold button to freeze the desired reading.	* Separate torque probe, easy operation.
* Memory function to record maximum and minimum readings with recall.	* Auto shut off saves battery life.
	* Built-in low battery indicator.
	* Heavy duty & compact housing case.
	* Complete set with the hard carrying case.

SPECIFICATIONS				
Display	61 mm x 34 mm supper large LCD display. 15 mm (0.6") digit size.	Sampling time	Approx. 1 second.	
		Data output	RS 232 serial output, isolate.	
		Operating temperature	0°C to 50°C (32°F 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> 2 ranges, 20 and 200 mm/S.	Power consump.	Approx. DC 6 mA.	
	<i>Acceleration :</i> 2 ranges, 200 and 2000 m/S^2			
Caliration	159 Hz, 10 m/S ± 5 %.	Weight	<i>Meter</i>	230 g/0.50 LB
Frequency range	10 Hz to 1 KHz. <i>* Sensitivity relative during the the frequency range meet ISO 2954.</i>		Dimension	<i>Probe</i>
		Accuracy		± (5 % + 2 d) reading , <i>@ 160 Hz, 80 Hz.</i> <i>@ 23 ± 5 °C</i>
Calibration point	Velocity : 50 mm/s (160 Hz) Acceleration :50 m/s^2(160 Hz)		Accessories included	
Circuit	Exclusive microcomputer circuit.	Optional accessories		
Data hold	Freeze the desired reading.		* Software (Windows version, data record & data acquisition)SW-U801-WIN	
Peak hold	To measure the peak value. <i>* Peak value = 1.414 RMS value.</i>		* RS232 cableUPCB-01	
Memory	Maximum & Minimum value.			
Power off	Auto shut off, saves battery life, or manual off by push button.			