

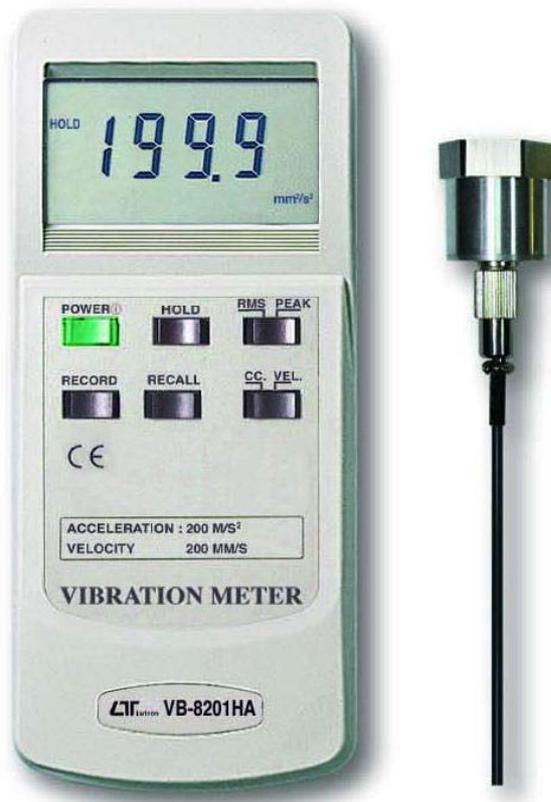
# VIBRATION METER

Model : VB-8201HA

ISO-9001, CE, IEC1010

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## 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/s<sup>2</sup>
- \* 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.



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*The Art of Measurement*

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* 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.
* 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 <sup>2</sup> .	* Complete set with the hard carrying case.

SPECIFICATIONS			
Display	61 mm x 34 mm super 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/s <sup>2</sup> : 0.5 to 199.9 m/s <sup>2</sup>		
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 ). <i>Vibration sensor probe:</i> Round 16 mm Dia. x 29 mm.
Accuracy	± ( 5 % + 2 d ) reading <i>@ 80 Hz, 160 Hz.</i> <i>@ 23 ± 5 °C</i>	Accessories included	Instruction manual..... 1 PC. Vibration sensor ( VB-81A ) ..... 1 PC. Cable..... 1 PC. Magnetic base..... 1 PC. Carrying Case..... 1 PC.
Calibration point	Velocity : 50 mm/s (160 Hz) Acceleration : 50 m/s <sup>2</sup> (160 Hz)		
Circuit	Exclusive microcomputer circuit.		
Data hold	Freeze the desired reading.		
Peak measurement	To measure the peak value.		
Power off	Auto shut off, saves battery life, or manual off by push button.		

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

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