VIBRATION METER

Model : VB-8200

ISO-9001, CE, IEC1010

ACC.	200	m/s²
VEL.	200	mm/s

ACC. = ACCELERATION
VEL. = VELOCITY

VIBRATION METER

LUTTron VB-8200

LUTTron Lutron
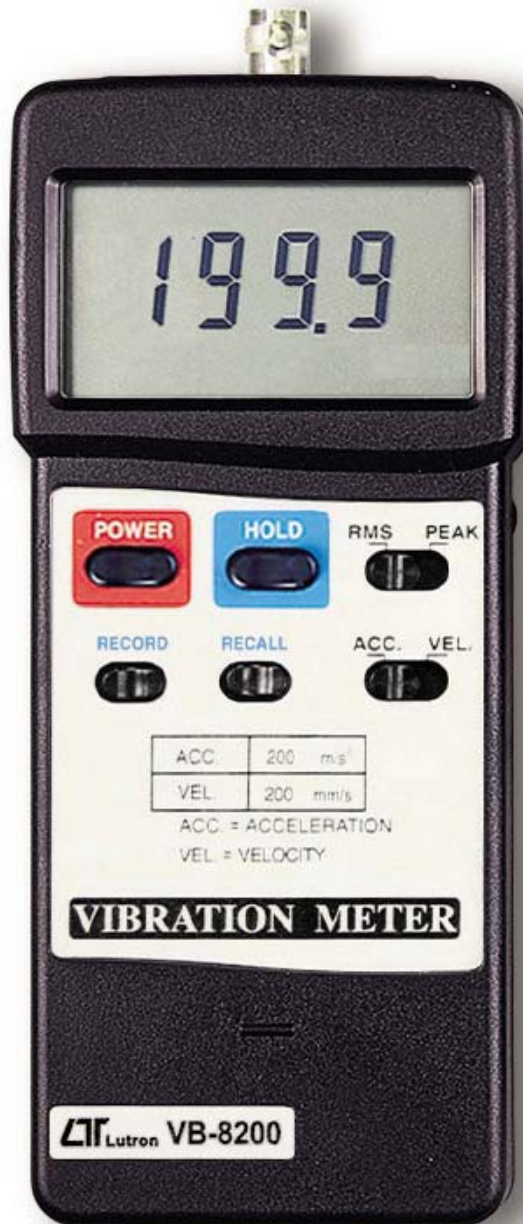
The Art of Measurement

VIBRATION METER, Model : VB-8200

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.	* Data hold button to freeze the desired reading.
	* Memory function to record maximum and minimum reading with recall.
	* Separate vibration probe, easy operation
	* RS 232 computer interface.
* Frequency range 10 Hz - 1 kHz, sensitivity relative meet ISO 2954.	* Optional data acquisition software for data record & datalogger.
* Professional vibration meter supply with vibration sensor & magnetic base, full set.	* Super large LCD display.
	* Microcomputer circuit, high performance.
* Velocity measuring range 200 mm/s.	* Auto shut off saves battery life.
* Acceleration measuring range 200 m/s^2.	* Built-in low battery indicator.
	* Heavy duty & compact housing case.
* RMS & Peak measurement.	* 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.
Measurement	Velocity, Acceleration RMS value, Peak value Data hold, Max. & Min. value.	Operating temperature	$0°C$ to $50°C$ ($32°F$ to $122°F$).
		Operating humidity	Less than 80% RH.
Range	Velocity : 200 mm/s : 0.5 to 199,9 mm/s.	Power supply	Alkaline or heavy duty type DC 9V battery, 006P, MN1604 (PP3) or equivalent.
	Acceleration : 200 m/S^2 : 0.5 to 199.9 m/s^2.	Power consump.	Approx. DC 6 mA.
Frequency range	10 Hz to 1 KHz. * Sensitivity relativive during the the frequency range meet ISO 2954.	Weight	Meter	230 g/0.50 LB
			Probe	38 g/0.09 LB
		Dimension	Meter : 180 x 72 x 32 mm (7.1 x 2.8 x1.3 inch).
Accuracy	± (5 % + 2 d) reading , @ 160 Hz, 80 Hz. @ 23 ± 5 $°C$		
			Vibration sensor probe: Round 19 mm Dia. x 21 mm.
Calibration point	Velocity : 50 mm/s (160 Hz) Acceleration :50 m/s^2(160 Hz)	Accessories included	Instruction manual........... 1 PC. Vibration sensor................1 PC. Magnetic base.................. 1 PC. Carrying Case.................. 1 PC.
Circuit	Exclusive microcomputer circuit.	Optional accessories	* Software (Windows version, data record & data acquisition)......SW-U801-WIN
Data hold	Freeze the desired reading.		
Peak hold	To measure the peak value.		
Memory	Maximum & Minimum value.		* RS232 cable..... UPCB-01
Power off	Auto shut off, saves battery life, or manual off by push button.		* USB cable......... USB-01

* Appearance and specifications listed in this brochure are subject to change without notice. VB8200+0703