VIBRATION METER

Model : VB-8200   *ISO-9001, CE, IEC1010*

ACC. 200 m/s
VEL. 200 mm/s

ACC. = ACCELERATION
VEL. = VELOCITY

VIBRATION METER

Lutron VB-8200

Lutron

LUTRON ELECTRONIC   *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.
	* Optional data acquisition software for data record & datalogger.
* Frequency range 10 Hz - 1 kHz, sensitivity relative meet ISO 2954.	* Super large LCD display.
* Professional vibration meter supply with vibration sensor & magnetic base, full set.	* Microcomputer circuit, high performance.
	* Auto shut off saves battery life.
* Velocity measuring range 200 mm/s.	* Built-in low battery indicator.
* Acceleration measuring range 200 m/s^2.	* 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℃ to 50℃ (32℉ to 122℉).
		Operating humidity	Less than 80% RH.
Range	*Velocity :* 200 mm/s : 0.5 to 199,9 mm/s. *Acceleration :* 200 m/S^2 : 0.5 to 199.9 m/s^2.	Power supply	Alkaline or heavy duty type DC 9V battery, 006P, MN1604 (PP3) or equivalent.
		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). *Vibration sensor probe:* Round 19 mm Dia. x 21 mm.
Accuracy	± (5 % + 2 d) reading , *@ 160 Hz, 80 Hz.* *@ 23 ± 5 ℃*		
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 * RS232 cable......UPCB-01 * USB cable.........USB-01
Data hold	Freeze the desired reading.		
Peak hold	To measure the peak value.		
Memory	Maximum & Minimum 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.