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.	*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.
	*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/s2.	*Built-in low battery indicator.
*RMS & Peak measurement.	*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.	Operating temperature	0 to 50 ℃ (32 to 122 ℉).
Measurement	Velocity, Acceleration RMS value, Peak value, Data hold, Max. & Min. value.	Operating humidity	Less than 80% RH.
Range	*Velocity :* 200 mm/s : 0.5 to 199.9 mm/s *Acceleration :* 200 m/s2 : 0.5 to 199.9 m/s2	Power supply	Alkaline or heavy duty type, DC 9V battery, 006P, MN1604 (PP3) or equivalent.
		Power consumption	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 with magnetic base — 38 g/0.09 LB
Accuracy	± (5 % + 2 d) reading *@ 80 Hz, 160 Hz.* *@ 23 ± 5 ℃*	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.
Calibration point	Velocity : 50 mm/s (160 Hz) Acceleration : 50 m/s 2(160 Hz)	Accessories included	Instruction manual............... 1 PC.
			Vibration sensor (VB-80) .... 1 PC.
Circuit	Exclusive microcomputer circuit.		
Data hold	Freeze the desired reading.		Cable................................. 1 PC.
Peak measurement	To measure the peak value.		Magnetic base..................... 1 PC.
			Carrying Case..................... 1 PC.
Memory	Maximum & Minimum value.	Optional accessories	*Software (Windows version, data record & data acquisition) SW-U801-WIN
Power off	Auto shut off, saves battery life, or manual off by push button.		
Sampling time	Approx. 1 second.		
Data output	RS 232 serial output, isolate.		*RS232 cable UPCB-01

* Appearance and specifications listed in this brochure are subject to change without notice.   0205-VB8200