

INGENIERIA ELECTRONICA APLICADA A LAS VIBRACIONES

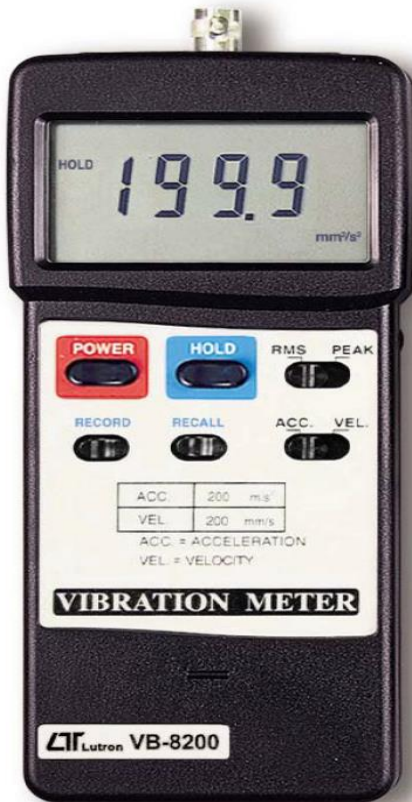
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VB-8200

Velocidad y Aceleración- Sistema Métrico

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.



SPECIFICATIONS

Display	61 mm x 34 mm supper large LCD display. 15 mm (0.6") digit size.	Sampling time	Approx. 1 second.
Measurement	Velocity, Acceleration RMS value, Peak value Data hold, Max. & Min. value.	Data output	RS 232 serial output, isolate.
Range	Velocity : 2 ranges, 20 and 200 mm/S.	Operating temperature	0°C to 50°C (32°F to 122°F).
	Acceleration : 2 ranges, 200 and 2000 m/S ²	Operating humidity	Less than 80% RH.
Caliration	159 Hz, 10 m/S ± 5 %.	Power supply	Alkaline or heavy duty type DC 9V battery, 006P, MN1604 (PP3) or equivalent.
Frequency range	10 Hz to 1 KHz. * Sensitivity relative during the the frequency range meet ISO 2954.	Power consump.	Approx. DC 6 mA.
Accuracy	± (5 % + 2 d) reading , @ 160 Hz, 80 Hz. @ 23 ± 5 °C	Weight	Meter 230 g/0.50 LB Probe 38 g/0.09 LB
Calibration point	Velocity : 50 mm/s (160 Hz) Acceleration :50 m/s ² (160 Hz)	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.
Circuit	Exclusive microcomputer circuit.	Accessories included	Instruction manual..... 1 PC. Vibration sensor..... 1 PC. Carrying Case..... 1 PC.
Data hold	Freeze the desired reading.	Optional accessories	* Software (Windows version, data record & data acquisition)SW-U801-WIN * RS232 cableUPCB-01
Peak hold	To measure the peak value. * Peak value = 1.414 RMS value.		
Memory	Maximum & Minimum value.		
Power off	Auto shut off, saves battery life, or manual off by push button.		