



INGENIERIA ELECTRONICA APLICADA A LAS VIBRACIONES

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VB-8201HA

Aceleración y Velocidad-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.
- * 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.	Memory	Maximum & Minimum value.	
Measurement	Velocity, Acceleration RMS value, Peak value, Data hold, Max. & Min. value.	Sampling time	Approx. 1 second.	
		Operating temperature	0 to 50 °C (32 to 122 °F).	
Range	Velocity : 200 mm/s : 0.5 to 199.9 mm/s	Operating humidity	Less than 80% RH.	
	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.	
Frequency range	10 Hz to 1 KHz * Sensitivity relative during the the frequency range meet ISO 2954	Power consumption	Approx. DC 6 mA.	
		Weight	Meter	274 g/0.60 LB
Accuracy	± (5 % + 2 d) reading @ 80 Hz, 160 Hz. @ 23 ± 5 °C	Probe with magnetic base	38 g/0.08 LB	
Calibration point	Velocity : 50 mm/s (160 Hz) Acceleration : 50 m/s ² (160 Hz)	Dimension	Meter : 185 x 78 x 38 mm (7.3 x 3.1 x 1.5 inch). Vibration sensor probe: Round 16 mm Dia. x 29 mm.	
Circuit	Exclusive microcomputer circuit.	Accessories included	Instruction manual..... 1 PC.	
Data hold	Freeze the desired reading.		Vibration sensor (VB-81A)	
Peak measurement	To measure the peak value.	 1 PC.	
Power off	Auto shut off, saves battery life, or manual off by push button.		Cable..... 1 PC.	
			Magnetic base..... 1 PC.	
			Carrying Case..... 1 PC.	