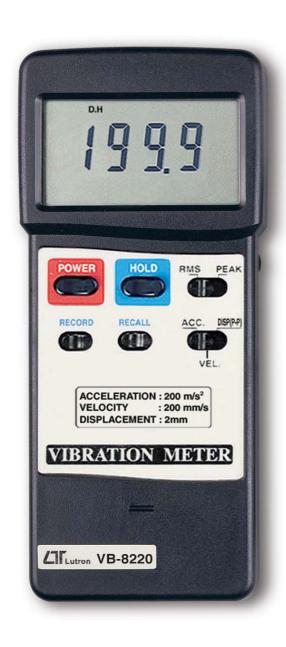


VIBRATION METER

Model: VB-8220 *ISO-9001, CE, IEC1010*





- * Separate professional vibration sensor.
- * Acceleration: 200 m/s^2.
- * Velocity: 200 mm/s.
- * Displacement (p-p) : 2 mm.
- * RMS, Peak value.
- * RS-232 computer interface.
- * DC 9V battery (006P).





The Art of Measurement



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VIBRATION METER

FAMCO هایپرسنعت

Model: VB-8220

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.
- Frequency range 10 Hz 1 kHz, sensitivity relative meet ISO 2954.
- * Professional vibration meter supply with vibration sensor and magnetic base, full set.
- * Velocity measuring range: 200 mm/s.
- * Acceleration measuring range : 200 m/s^2
- * Displacement measuring range : 2 mm (p-p).
- * RMS & Peak measurement.
- * 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.
- Optional data acquisition software for data record & datalogger.
- * Super large LCD display.
- * Microcomputer circuit, high performance.
- * Auto shut off saves battery life.
- * Built-in low battery indicator.
- * 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.		
Measurement	Velocity, Acceleration, Displacement,		
	RMS value, Peak value, Data hold, Max.		
	& Min. value.		
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		
	Displacement (p-p) :		
	2 mm : 0.005 to 1.999 mm		
	* p-p : Peak to Peak		

	Г			
Frequency	10 Hz to 1 KHz			
range	* Sensitivity rel	Sensitivity relative during the		
	the frequency range meet ISO 2954.			
Accuracy	± (5 % + 2 d)	± (5 % + 2 d) reading, 160 Hz, 80 Hz.		
	* 23 ± 5 °C			
Calibration	Velocity	50 mm/s (160 Hz)		
point	Acceleration	50 m/s^2 (160 Hz)		
	Displacement (p-p)	0.05 mm (160 Hz)		
Circuit	Exclusive microcomputer circuit.			
Data hold	Freeze the desired reading.			
Peak	To measure the peak value.			
measurement				
Memory	Maximum & Minimum value.			
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.			
Operating	0 to 50 °C (32 to 122 °F).			
temperature				
Operating	Less than 80% RH.			
humidity	Loss than 6676 KH.			
Power supply	Alkaline or heavy duty type,			
i ower suppry	DC 9V battery, 006P,			
	MN1604 (PP3) or equivalent.			
Power	Approx. DC 8 mA.			
consumption	Approx. Bo o mit.			
Weight	Meter	230 g/0.50 LB		
3 '	Probe with	110 g/0.24 LB		
	magnetic base	J. 1.5 g. 1.2 1		
Dimension	Meter :			
Difference	180 x 72 x 32 mm			
	(7.1 x 2.8 x1.3 inch).			
	Vibration sensor probe:			
	Round 18 mm Dia. x 40 mm.			
Accessories	Instruction manual			
included	Vibration sensor (VB-82) 1 PC.			
Included	Cable			
	Magnetic base 1 PC.			
	Carrying Case 1 PC.			
Optional	* Software (Windows version, data			
accessories	record & data acquisition)			
accessuries	SW-U801-WIN			
	* RS232 cable UPCB-01			
	* USB cable USB-01			
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 $^{^{\}star}$ Appearance and specifications listed in this brochure are subject to change without notice.