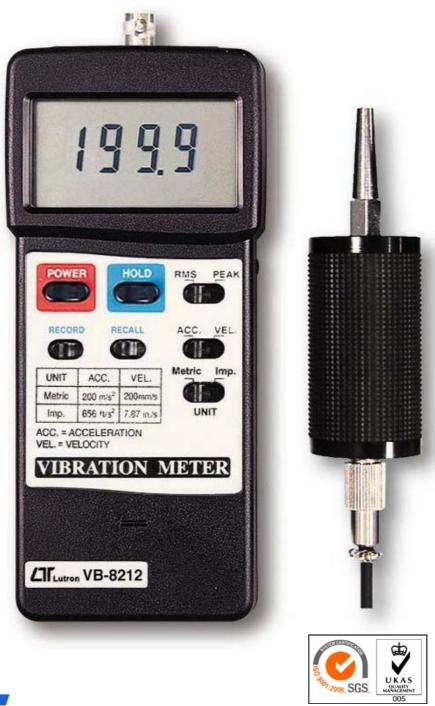
VIBRATION METER

Model: VB-8212 *ISO-9001, CE, IEC1010*





The Art of Measurement

VIBRATION METER

Model: VB-8212

1. 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.			
* Professional vibration meter supply with vibration sensor			
& magnetic base, full set.			
* Velocity measuring range 200 mm/s, 7.87 inch/s.			
* Acceleration measuring range 200 m/s ² ,656 ft/s ²			
* Metric & Imperial display unit.			
* Frequency range 10 Hz - 1 kHz, sensitivity relative meet			
ISO 2954.			
* 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.			

2 SPECIFICATIONS

Display	61 mm x 34 mm supper large LCD		
	display.		
	15 mm (0.6") digit size.		
Measurement	Velocity, Acceleration RMS value, Peak		
	value, Data hold, Max. & Min. value.		
Range	Velocity: 200 mm/: 0.5 to 199.9 mm/s 7.87 inch/s: 0.02 to 7.87 inch/s Acceleration:		
	200 m/s ² : 0.5 to 199.9 m/s ²		
	656 ft/s ² : 2 to 656 ft/s ²		
Resolution	Velocity :		
	0.1 mm/s ,0.01 inch/s		
	Acceleration :		
	0.1 m/s ² ,1 ft/s ²		
Frequency	10 Hz to 1 KHz		
range	* Sensitivity relativive during the		
	the frequency range meet ISO 2954		

Accuracy	(5% + 2d)	(5 % + 2 d) reading , 160 Hz, 80 Hz.		
	@ 160 Hz, 80 Hz Cal.			
	@ 23 ± 5 ℃	@ 23 ± 5 °C		
Calibration	Velocity: 50 mm/s (160 Hz)			
point	Acceleration: 50 m/s ² (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	Auto shut off, saves battery life,		
	or manual off	by push button.		
Sampling time	Approx. 1 sec	Approx. 1 second.		
Data output	RS 232 serial	output, isolate.		
Operating	0 to 50 °C (3	0 to 50 °C (32 to 122 °F).		
temperature				
Operating	Less than 80°	% RH.		
humidity				
Power supply	Alkaline or he	Alkaline or heavy duty type,		
	DC 9V battery, 006P,			
	MN1604 (PP3	MN1604 (PP3) or equivalent.		
Power	Approx. DC 6	Approx. DC 6 mA.		
consumption				
Weight	Meter	230 g/0.50 LB		
	Probe with	165 g/0.36 LB		
	sensing head	'		
Dimension	Meter :			
	180 x 72 x	180 x 72 x 32 mm		
	x1.3 inch).			
	Vibration pro	be :		
	Round 36 r	Round 36 mm Dia. x 71 mm.		
	Sensing head	Sensing head :		
		8.9 mm Dia x 42 mm length		
	Cable length :			
	1.2 meter.			
Accessories	Instruction manual 1 PC.			
included		Cable with plugs 1 PC.		
		Vibration probe 1 PC.		
	Sensing head 1 PC.			
	_	Magnetic base 1 PC.		
		Carrying Case		
Optional		* Software (Windows version, data		
accessories		record & data acquisition)		
		SW-U801-WIN		
		e UPCB-01		
	* USB cable.	USB-01		

^{*} Appearance and specifications listed in this brochure are subject to change without notice.