ACC., Velocity, Displacement

VIBRATION METER

Model: VB-8220

ISO-9001, CE, IEC1010











VIBRATION METER

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).		
*			
*	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		

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* Sensitivity relative during the		
the frequency range meet ISO 2954.		
± (5 % + 5 d) reading , 160 Hz, 80 Hz.		
1		
	50 mm/s (160 Hz)	
Displacement (p-p) 0.05 mm (160 Hz)		
Exclusive microcomputer circuit.		
Freeze the desired reading.		
To measure the peak value.		
Maximum & Minimum value.		
Auto shut off, saves battery life,		
or manual off by push button.		
Approx. 1 second.		
RS 232 serial output.		
0 to 50 $^{\circ}\mathrm{C}$ (32 to 122 $^{\circ}\mathrm{F}$).		
Less than 80% RH.		
Alkaline or heavy duty type,		
DC 9V battery, 006P,		
MN1604 (PP3) or equivalent.		
Approx. DC 8 mA.		
Meter	230 g/0.50 LB	
Probe with	110 g/0.24 LB	
magnetic base		
Meter:		
180 x 72 x 32 mm		
(7.1 x 2.8 x1.3 inch).		
Vibration sensor probe:		
Round 18 mm Dia. x 40 mm.		
Instruction manual 1 PC.		
Vibration sensor 1 PC.		
Cable 1 PC.		
Magnetic base 1 PC.		
Carrying Case 1 PC.		
* Software (Windows version, data		
record & data acquisition)		
SW-U801-WIN		
* RS232 cable	UPCB-01	
* USB cable USB-01		
	the frequency ± (5 % + 5 d) * 23 ± 5 °C Velocity Acceleration Displacement (p-p) Exclusive micror Freeze the desir To measure the Maximum & Mir Auto shut off, so or manual off by Approx. 1 secon RS 232 serial ou 0 to 50 °C (32 °C Less than 80% Alkaline or heav DC 9V battery, (MN1604 (PP3) of Approx. DC 8 m Meter Probe with magnetic base Meter: 180 x 72 x 32 (7.1 x 2.8 x1) Vibration sensor Round 18 mm Instruction man Vibration sensor Round 18 mm Instruction sensor Carrying Case * Software (W record & data	

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