VIBRATION METER

Model: VB-8201HA

ISO-9001, CE, IEC1010





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/s^2
- * 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.



LUTRON ELECTRONIC

The Art of Measurement

VIBRATION METER

Model : VB-8201HA

FEA	TURES		
* Applications for industrial vibration monitoring :	* RMS & Peak measurement.		
All industrial machinery vibrates. The level of	* Wide frequency range.		
vibration is a useful guide to machine condition.	* Data hold button to freeze the desired reading.		
Poor balance, misalignment & looseness of the	* Memory function to record maximum and		
structure will cause the vibration level increase, it	minimum reading with recall.		
is a sure sign that the maintenance is needed.	* Separate vibration probe, easy operation.		
* Frequency range 10 Hz - 1 kHz, sensitivity	* Super large LCD display.		
relative meet ISO 2954.	* Microcomputer circuit, high performance.		
* Professional vibration meter supply with vibration	* Auto shut off saves battery life.		
sensor & magnetic base, full set.	* Built-in low battery indicator.		
* Velocity measuring range 200 mm/s.	* Heavy duty & compact housing case.		
* Acceleration measuring range 200 m/s2.	* Complete set with the hard carrying case.		

n x 34 mm supper large isplay. n (0.6") digit size. ty, Acceleration RMS Peak value, Data hold, & Min. value. ty :	Memory Sampling time Operating temperature Operating humidity	Maximum & Mir Approx. 1 secor 0 to 50 ℃ (32 Less than 80%	nd. to 122 °F).	
n (0.6") digit size. ty, Acceleration RMS Peak value, Data hold, & Min. value.	Operating temperature Operating	0 to 50 ℃ (32	to 122 °F).	
ty, Acceleration RMS Peak value, Data hold, & Min. value.	temperature Operating		-	
Peak value, Data hold, & Min. value.	Operating	Less than 80%	рц	
k Min. value.	1 5	Less than 80%	рц	
	humidity		Less than 80% RH.	
$h_{\prime} \cdot$				
· · ·	Power supply	Alkaline or heav	Alkaline or heavy duty type, DC 9V battery, 006P,	
mm/s : 0.5 to 199.9 mm/s		DC 9V battery,		
eration :		MN1604 (PP3)	or equivalent.	
m/s2 : 0.5 to 199.9 m/s2	Power	Approx. DC 6 m	ıA.	
to 1 KHz	consumption			
sitivity relativive during	Weight	Meter	274 g/0.60 LB	
the frequency range meet		Probe with	38 g/0.08 LB	
2954		magnetic base		
% + 2 d) reading	Dimension	Meter :		
Hz, 160 Hz.		185 x 78 x 38 mm		
±5 °C		(7.3 x 3.1 x	(7.3 x 3.1 x 1.5 inch).	
ty: 50 mm/s (160 Hz)		Vibration sensor probe:		
ration: 50 m/s2(160 Hz)		Round 16 mm Dia. x 29 mm.		
ive microcomputer circuit.	Accessories	Instruction manual 1 PC.		
e the desired reading.	included	Vibration sensor (VB-81A)		
asure the peak value.				
		Cable 1 PC.		
hut off, saves battery life,			Magnetic base 1 PC.	
nual off by push button.		Carrying Case	1 PC.	
	mm/s : 0.5 to 199.9 mm/s mm/s : 0.5 to 199.9 mm/s pration : m/s2 : 0.5 to 199.9 m/s2 to 1 KHz sitivity relativive during the frequency range meet 2.2954 26 + 2 d) reading Hz, 160 Hz. $\pm 5 \degree$ C ty : 50 mm/s (160 Hz) ration : 50 m/s2(160 Hz) ive microcomputer circuit. the desired reading. asure the peak value. hut off, saves battery life, nual off by push button.	mm/s : 0.5 to 199.9 mm/sparation :m/s2 : 0.5 to 199.9 m/s2to 1 KHzsitivity relativive duringsitivity relativive duringthe frequency range meet2954 2954 2954 20554 2050 <td>mm/s : 0.5 to 199.9 mm/sDC 9V battery, MN1604 (PP3) or MN1604 (PP3) or Approx. DC 6 mm/s2 : 0.5 to 199.9 m/s2PowerApprox. DC 6 mto 1 KHzconsumptionWeightMetersitivity relativive during the frequency range meetWeightMeter22954DimensionMeter : 185 x 78 x 38 (7.3 x 3.1 x)26 + 2 d) reading Hz, 160 Hz.DimensionMeter : 185 x 78 x 38 (7.3 x 3.1 x)2755DimensionMeter : Neter : 185 x 78 x 38 (7.3 x 3.1 x)2756DimensionMeter : (7.3 x 3.1 x)2757DimensionMeter : (7.3 x 3.1 x)2954DimensionMeter : (7.3 x 3.1 x)2954DimensionMeter : (7.3 x 3.1 x)2954DimensionMeter : (7.3 x 3.1 x)2955C (7.3 x 3.1 x)Vibration senso (7.3 x 3.1 x)2956Accessories includedInstruction mar vibration senso (Cable2954Accessories (CableCable</td>	mm/s : 0.5 to 199.9 mm/sDC 9V battery, MN1604 (PP3) or MN1604 (PP3) or Approx. DC 6 mm/s2 : 0.5 to 199.9 m/s2PowerApprox. DC 6 mto 1 KHzconsumptionWeightMetersitivity relativive during the frequency range meetWeightMeter 22954 DimensionMeter : 185 x 78 x 38 (7.3 x 3.1 x) 26 + 2 d) reading Hz, 160 Hz.DimensionMeter : 185 x 78 x 38 (7.3 x 3.1 x) 2755 DimensionMeter : Neter : 185 x 78 x 38 (7.3 x 3.1 x) 2756 DimensionMeter : (7.3 x 3.1 x) 2757 DimensionMeter : (7.3 x 3.1 x) 2954 DimensionMeter : (7.3 x 3.1 x) 2954 DimensionMeter : (7.3 x 3.1 x) 2954 DimensionMeter : (7.3 x 3.1 x) 2955 C (7.3 x 3.1 x)Vibration senso (7.3 x 3.1 x) 2956 Accessories includedInstruction mar vibration senso (Cable 2954 Accessories (CableCable	

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

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