Metrix+™
Innovative Excellence

DIGITAL VIBRATION METER

VM 8200P

Pen-type ultra-portable

Measuring principle

Vibration Meter employs a piezoelectric transducer to measure vibrations of a material and displays it in one or more of displacement, velocity or acceleration values for analyzing.



Applications

A vibration meter is used in manufacturing for machine condition monitoring, product testing and quality assurance. A vibration meter also can be used in civil engineering to measure the vibration of structures such as buildings, roads and bridges.

Features

- Ultra-portable with easy operation
- Acceleration, velocity and displacement measurement
- Backlit LCD

Technical Specifications

Model	***Metrix+* VM 8200P**	
Display	4-digit backlit LCD	
Transducer	Piezo electric ceramic accelerometer(shear type)	
Velocity	0.1 ~ 199.9 m/s	
Acceleration	0.1 ~ 199.9 m/s^2	
Displacement	0.001 ~ 1.999 mm	
Frequency range for measuring	Acceleration	10Hz – 1kHz in 'LO' 1KHz – 15kHz in 'HI'
	Velocity	10Hz – 1kHz
	Displacement	10Hz – 1kHz
Accuracy	±5% of reading ± 2d	
Power supply	1 x 9V battery	
Operating condition	Temperature : 0-40°C ; Humidity : 30 ~ 90% RH	
Dimensions and weight	183 x 67 x 30mm ; 147g	
Standard accessories	Vibration meter, manual, battery, hard carry case	

Model and Specifications subject to change without notice.

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