

VIBRATION METER

NAGMAN 297

SALIENT FEATURES

- LCD display measurement result and conditions directly
- Measures acceleration (m/s^2 peak), velocity (mm/s rms), and displacement (mm p-p)
- Selective vibration characteristic
- Uses hi- sense of vibration sensor, measuring accurately
- Equipped two probes (S and L) to adapt the different measurement requirement
- Provides a magnetic probe to fit the uneasy condition hold on by hand
- Low battery indication
- Auto turn off function
- LCD back light function
- Maximum value hold function
- Temperature unit $^{\circ}C/^{\circ}F$ selection



Typical Photo: Final Product look may vary

GENERAL SPECIFICATIONS

Vibration Pickup	Piezoelectric ceramic accelerometer (shear-type)
Measurement Range of Acceleration	0.1~199.9m/s peak
Measurement Range of Velocity	0.1~199.9mm/s rms
Measurement Range of Displacement	0.001~1.999mm p-p Velocity and displacement range is limited by acceleration 199.9m/s ²
Measurement Accuracy	±5%±2digits
Measurement Frequency Range of Acceleration	10Hz~1KHz (LO) 1KHz~15KHz (HI)
Measurement Frequency Range of Velocity	10Hz~1KHz (LO)
Measurement Frequency Range of Displacement	10Hz~1KHz (LO)
Displays Update Cycle	1 second
LCD Display	3 1/2 digits display
Single Output	AC output 2 V peak (display full scale) Load impedance 10KΩ or more earphones can be connected
Power Supply	9V battery
Stand-By Current	≤15μA
Operating Current	≤25mA
Battery Life	20 Hrs. continuous use
Auto Power-Off Function	Turns off automatically after 60 seconds
LCD Backlight Function	7 seconds
Operating Temperature Range	0~40°C
Operating Humidity Range	30~90%RH
Low Battery Indication	6.4V±0.2V
Dimensions	72x35x145mm
Weight	229g (not including battery)
Temperature Range	-10°C~80°C
Temperature Accuracy	±2°C

STANDARD INCLUSIONS

- Basic Instrument
- PP Packing Box
- Detector Handle
- Detector Probe (L) & (S) – each 1 No.
- Conformation Certificate
- Instruction Manual

OPTIONAL

- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards

Manufactured by



NAGMAN INSTRUMENTS AND ELECTRONICS PRIVATE LIMITED

AN ISO 9001:2015 CERTIFIED COMPANY

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