

BESANTEK Industrial Heavy Duty Vibration Meter which is designed for measuring the vibration of mechanical equipment, velocity, and acceleration. It can be widely used in mechanical manufacturing, electric power, petroleum chemical industry, metallurgy, aerospace and other fields.

Features:

- Adaptive and highly sensitive sensor with fast response and high accuracy.
- RMS and peak measurement.
- Wide frequency range 10Hz -1kHz.
- Store up to 500 data records.
- Records maximum and minimum reading.
- Data hold function.
- Large LCD display.
- 9V battery operation.
- Heavy duty.
- Recall max./min. reading.
- Auto shut off saves battery life.
- Built-in low battery warning indicator.
- Accessories: Instruction manual, vibration sensor, magnetic base, cable, battery and carrying case.



BST-VM02

Technical Specification:

BST-VM02	
Measuring Range	Velocity: 200mm/s (0.5 to 199.9mm/s) Acceleration: 200m/s ² (0.5 to 199.9m/s ²) Displacement (P-P): 2mm (0.005 to 1.999mm)
Frequency Range	10Hz to 1kHz
Accuracy	±(5%+5d) reading, 160Hz, 80Hz (23 ± 5°C)
Calibration Point	Velocity: 50mm/s (160Hz) Acceleration: 50m/s ² (160Hz) Displacement (P-P): 0.05mm (160Hz)
Sampling Time	Approx. 1 second
Operating Temperature & Humidity	0°C to 50°C (32°F to 122°F), less than 80%RH
Power Consumption	Approx. DC 8mA
Power Source	9V battery x 1
Dimensions	Meter: 180 x 72 x 32 mm, Sensor probe: Round 18mm Dia. x 40mm
Weight	Meter: 230g Probe with magnetic base: 110g

Ordering Information:

- BST-VM02: Industrial Heavy Duty Vibration Meter.
- BST-VMMC: Probe with Sensors & Magnetic Base.
- BST-VMC: Probe.

Safety Standard:

- EN 55022, CISPR 22,
EN 61000-4-2,
EN 61000-4-3

