

## VB450 Vibration Meter



**Convenient compact sized Vibration Meter measures vibration levels in industrial machinery. Misalignment, poor balancing, structural compromises, and other factors can cause unwanted vibration increases. VB450 features a wide 10Hz to 1500Hz frequency range and provides Displacement, Velocity, and Acceleration measurement.**

**Applications:** To ensure proper installation/maintenance for consistent productivity and operator safety of

- Motors, bearings
- Fans, Pumps, Rotating machinery
- Plant maintenance



### Features

- Remote vibration sensor with magnetic adapter on 7.9" (0.2m) coiled cable
- Wide frequency range of 10Hz to 1500Hz
- Velocity (RMS), Acceleration (Peak), and Displacement (Peak-to-Peak) measurements
- Automatic data hold after measurement button is released
- Auto power off after 1 minute
- Low battery indicator
- Complete with remote sensor, magnetic mount, 9V battery, wrist strap, and soft case

### Specifications

Acceleration (Peak)	0.1 to 199.9 m/s <sup>2</sup>
Velocity (RMS)	0.1 to 199.9mm/s
Displacement (Peak-to-Peak)	1 to 1999μm
Resolution	0.1m/s <sup>2</sup> , 0.1mm/s, 1μm
Basic accuracy	±(5% + 1 digit)
Dimensions	7.3 x 2.7 x 1.2" (185 x 68 x 30mm)
Weight	8.1oz (230g)

### Ordering

VB450 **N**\* ..... Vibration Meter

**N**\* Indicates products that are available with optional calibration traceable to NIST. Order with -NIST after part number for product plus Calibration Certificate.

