# 4-Channel Vibration Meter/Datalogger

***Large Backlit Display***
*Simultaneously displays four channels*

## Features:

- Selectable data sampling rate: 1, 2, 5, 10, 30, 60, 120, 300, 600, 1800, 3600 seconds
- Remote vibration sensor with magnetic adapter on 39"(1m) cable
- Wide frequency range of 10Hz to 1kHz
- Basic accuracy of ±(5% + 2 digits)
- RMS or Peak Value measurement modes
- Datalogger date/time stamps and stores readings on an SD card in Excel® format for easy transfer to a PC
- Data Hold freezes the reading in the display
- Auto Power off saves battery life
- Meets ISO2954 standard
- Complete with 4 remote sensors, magnetic mounts, 8 x AA batteries, 100-240V Universal AC Adaptor, SD card, and heavy duty carrying case

## Applications:

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

| Specifications | |
|---|---|
| Acceleration | 656ft/s², 200m/s², 20.39g (peak) |
| Velocity | 7.87in/s, 200mm/s, 19.99cm/s (peak) |
| Displacement | 0.078in, 2mm (peak-to-peak) |
| Resolution | 1ft/s², 0.1m/s², 0.01g; 0.01in/s, 0.1mm/s, 0.01cm/s; 0.001in, 0.001mm |
| Basic accuracy | ±(5%+2 digits) |
| Memory | 20M data records using 2G SD card |
| Dimensions | 8 x 3 x 1.5" (203 x 76 x 38mm) |
| Weight | 1.13lbs (515g) |

## Ordering Information (Available Q4, 2011):

**VB500** .....4-Channel Vibration Meter/Datalogger
**VB500-NIST**.....VB500 with Certificate Traceable to NIST

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Specifications subject to change without notice.
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