



**FOR SENSOR INSTALLATIONS, SYSTEM MAINTENANCE, AND MANUAL MEASUREMENT OF VIBRATING WIRE INSTRUMENTS**

The Vibrating Wire Analyzer is the most innovative vibrating wire field reader available. The VW Analyzer is field ready to quickly measure your sensors, save your data, and communicate the results with custom PDF reports and spreadsheet output.

### Description

The Vibrating Wire Analyzer (VWAnalyzer) uses patented VSPECT® technology for the most reliable vibrating wire measurements available. The VWAnalyzer converts measurements to engineering units, generates a printable PDF report, and saves a CSV summary file. The graphical display allows confirmation of sensor output and operation. VSPECT® technology eliminates disruptive noise interference and provides sensor diagnostics for the best measurement possible. VSPECT® noise immunity allows gages that are otherwise unreadable to be evaluated with confidence.

### Key Features

- Measurement confidence with graphical display and VSPECT® technology
- Full-color screen and easy-to-use menus
- Integrated GPS to record sensor location
- Able to read any vibrating wire sensor
- Create custom PDF reports

### Applications

- Manual Field Measurements
- Sensor Installations
- Recall Historical Sensor Data
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### Specifications

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|--------------------------------|---|
| Memory                         | 1,700 site/sensor measurements (most recent <sup>2</sup> )<br>40 unique sites, 22 sensors per site<br><br>240 single measurement (most recent <sup>2</sup> )<br><br>16,500 continuous measurements (most recent <sup>2</sup> )<br><br>80 MB USB memory (PDF, CSV, VWA, and other files <sup>3</sup> ) |
| Accuracy                       | ±0.005% of reading  |
| Resolution                     | 0.001 Hz RMS  |
| Sensor                         | 3 kΩ resistor   |
| Excitation                     | 2 V, 5 V, 12 V (user-selectable)  |
| USB Mini B                     | Direct connect to PC (Supplies power to retrieve data)  |
| Battery Type/Life              | 5 AA (1.5 V), 20 hours continuous use   |
| Operating Temperature          | -20 °C to +70 °C  |
| Enclosure                      | IP62  |
| Dimensions                     | 200 × 100 × 58 mm (7.9 × 3.9 × 2.3 in.)   |
| Vibrating Wire Frequency Range | 300 to 6500 Hz  |
| Measurement Interval Range     | — 1 s to 15 min (continuous reading mode only)  |

### Optional Accessories

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- Readout instruments
- Switch box (10 or 20 channels)

### Ordering Information

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- Red and Black sensor cables
- Orange and White sensor cables

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