



Solving your Monitoring Problems to make your life easier

Geotechnical • Structural • Environmental

- ▶ We provide unique, powerful hardware and software for wireless Geotechnical, Structural, and Environmental monitoring.

www.SpectroTechnology.com



Instantel Micromate®

- ▶ The best all-around seismograph for construction monitoring.
- ▶ Easy-to-use with a touch screen interface including intuitive menus, color display, and an associated keypad. Includes a rugged, high-impact case.



Loadsensing LS-G6 Wireless Data Logger

- ▶ Reads most geotechnical and structural sensors, including vibrating wire, digital, and voltage.
- ▶ The system has impressive long-range communication that uses cutting-edge LoRa radio technology.



Instantel Rentals

- ▶ Specto Technology carries a large rental fleet of Instantel vibration monitoring products.
- ▶ Ideal for short term projects, or as replacement units when your primary units have been sent out for repairs or calibration.



WASP Wireless Data Logger

- ▶ A low power, easily installed, wireless and web-enabled datalogger which can read most 4-20mA output, pulse, and vibrating wire sensors.
- ▶ Configuration of the logger is done using a simple, cloud-based web portal.



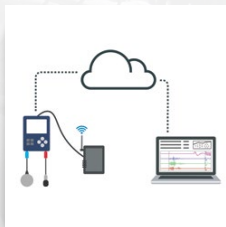
Instantel Calibrations & Repairs

- ▶ The recommended calibration interval for Instantel seismographs is one year. This is required by most regulatory authorities.
- ▶ We streamline the calibration procedure to make it as simple and painless as possible.



VWStalker Vibrating Wire Interface

- ▶ By utilizing standard SDI12 communication protocols, the VWStalker can be interfaced with many different data acquisition units, including the WASP & Campbell Scientific loggers.



Auto Call Home Software Hosting

- ▶ We can host Instantel's software to take the headache out of automated data transmission.
- ▶ There is no need for a dedicated PC, Internet link, or mail server. Data is collected on our server and delivered to you via email in real-time.



Campbell Scientific Dataloggers

- ▶ We can design and build custom data acquisition systems using Campbell Scientific's versatile, powerful, and reliable datalogger hardware.



- ▶ **Specto Technology is your single-source authorized Instantel dealer for vibration monitoring equipment.**

Since 1982, Instantel Vibration Monitors have earned their position as the world's most trusted monitors for regulated vibration control. Used in over 110 countries, Instantel seismographs monitor ground vibration, air, and water over pressure created by blasting, demolition, mining, quarrying, and construction activities.

Specto Technology is a knowledgeable expert on all Instantel products and is proud to provide you with:

- ▶ Instantel equipment sales and rentals
- ▶ Customized training for you and/or your subcontractors
- ▶ Calibration, service, and repairs
- ▶ Best-in-class hosted data solutions to keep your data moving wirelessly from the field to your fingertips
- ▶ Exceptional customer service and support

**The World's Most
Trusted Vibration
Monitors**

- ▶ *We are committed to being the best provider of data-to-desk solutions by leveraging our expertise, innovation, and exceptional client support to integrate state-of-the-art hardware and software solutions.*



Automated Total Station (AMTS) Hardware & Software

- ▶ We offer sales and rentals of Automated Motorized Total Stations (AMTS) for remote, optical survey monitoring.
- ▶ Software options include a cloud-hosted or a server-based solution.



Air Quality Monitoring Systems

- ▶ We offer Aeroqual's dust and gas monitoring systems for construction and remediation monitoring.
- ▶ Aeroqual has become a leader in the air quality monitoring industry by providing innovative, wireless solutions that allow real-time data display.



AMTS Accessories

- ▶ We offer everything for your AMTS. From prisms (L-bar, road mount, and rail clip style) to AMTS mounting brackets and replacement cables.



Noise Monitoring Systems

- ▶ We offer custom-built, wireless-enabled systems to monitor sound levels.
- ▶ Our systems have a proven track record and have been used on many past and on-going projects around the world.



Wireless Cellular Modems

- ▶ We offer Sierra Wireless modems (RV50 and LX60 models) and all associated accessories.
- ▶ As an authorized Verizon Wireless Resale Partner, we can offer data plans for your hardware as needed.



Structural Sensors Tiltmeters, Crackmeters, Strain Gauges

- ▶ We work with major manufacturers from around the world to offer the best sensors to monitor structural parameters like tilt, crack, and strain.



eagle.io Data Management Software

- ▶ We offer an easy-to-use, fully customizable software platform to manage your instrumentation data.
- ▶ High-end reporting capability (powered by Tableau) is built into the platform to allow flexible distribution of data.



Geotechnical Sensors Piezometers, Inclinometers, Extensometers

- ▶ We work with all major manufacturers from around the world to offer the best sensors to monitor geotechnical conditions such as water parameters and ground movement.

- ▶ **Specto Technology offers a world of solutions for your Datalogger and Data Acquisition System needs.**

We are proud to provide you with expert support including:

- ▶ Data Logger and Data Acquisition System Sales
- ▶ Customized training for you and/or your subcontractors
- ▶ Best-in-class hosted data solutions to keep your data moving wirelessly from the field to your fingertips
- ▶ Exceptional customer service and support

Constantly Researching and Testing the most **Advanced Technologies** to offer you a **World of Solutions**



- Our mission is to provide superior customer satisfaction from product procurement to comprehensive technical solutions.

Corporate Profile

Founded in 2013 by Dr. Hai-Tien Yu (*President*) and Edmund Kirby (*General Manager*), Spectro Technology is headquartered in Linden, New Jersey.

We leverage our combined 50 years of experience to provide unique and powerful hardware and software solutions for wireless Geotechnical, Structural, and Environmental monitoring needs to clients throughout the world.

We believe that by sourcing the world's most advanced technology, we can solve any monitoring problem to make your life easier.

Translated from the Latin language, the word "Specto" means "to see" or "to watch." Thus, our solutions enable you to collect and view your data and receive real-time alerts with reliability and ease.



- *At Spectro Technology our goal is to solve your monitoring problems to make your life easier.*

HOW WE WORK WITH YOU!



Spectro Technology is committed to bringing great value and innovation to your project!

Our simple 3-step project approach is aimed at making your life easier.

- 1 We Listen.** First, we listen. We can also review your project plans and specs.
- 2 We Design & Propose a Solution.** We identify the best monitoring system solution and prepare a quote.
- 3 We Ensure Your Success.** We provide you with everything you need for a successful field installation, including training sessions for your team. We work behind the scenes to make you look good!