

# Solving your Monitoring Problems to make your life easier

Air Quality • Noise • Vibration

- ▶ We provide turnkey monitoring solutions that are easy to install and operate, automating data collection, presentation and real-time alerts.

[www.SpectroTechnology.com](http://www.SpectroTechnology.com)



## AIR QUALITY AND DUST MONITORING

We provide real-time monitoring systems for outdoor perimeter and industrial hygiene applications. Our modular design offers custom configurations for your project to accurately measure ambient air quality and other parameters including particulate matter (dust), VOCs, BTEX, Methane, H<sub>2</sub>S, SO<sub>2</sub>, NO<sub>2</sub>, CO, mercury vapor, meteorology, noise and vibration.

### BENEFITS

- ▶ Easy to install, set up in less than 2 minutes
- ▶ Automatic Baseline Correction reduces manual calibrations
- ▶ 2 way communications for remote access and support
- ▶ Light-weight battery packs make life easier



OUR SOLAR POWER SOLUTIONS PROVIDE RELIABLE, OFF-GRID POWER SUPPLY, ENSURING CONTINUOUS OPERATION FOR LONG TERM PROJECTS.

## VIBRATION MONITORING

Specto Technology's vibration monitoring solutions help you manage and mitigate the risks associated with construction activities, machinery operations, and environmental vibrations. Each monitor is delivered in a weatherproof carry case with telemetry and advanced power options for reliable remote monitoring in any location.

### BENEFITS

- ▶ Fully configured systems allow for efficient installation
- ▶ Live alerts and PDF reports sent to your inbox for each event
- ▶ Geophone technology adheres to strict regulatory requirements
- ▶ Class 1 SLM for noise levels or Linear mic for air overpressure (blasting)




WE BUILD CUSTOM FIELD-READY KITS TO MAKE INSTALLATION EASIER. THIS INCLUDES CONNECTIVITY KITS, SOLAR AND BATTERY KITS, MOUNTING BRACKETS AND MORE.

## NOISE MONITORING

Our all-in-one outdoor noise monitoring stations and handheld devices are designed to Class 1 standards, meeting a wide range of local and state regulatory requirements. Features include, octave band frequency analysis, audio capture, live listening, built-in audio calibration check, GPS and online dashboards to analyze data in real-time.

### BENEFITS

- ▶ Simple set-up and operation
- ▶ Alerts for system health and theft
- ▶ HIGHLY customizable noise measurement and statistics
- ▶ Save time with online and PDF reporting tools



VIEW ALL OF YOUR DATA ON ONE LIVE PROJECT DASHBOARD USING EAGLE.IO. INCLUDES GEOTECHNICAL, STRUCTURAL, VIBRATION, NOISE, AIR QUALITY, WEATHER AND CAMERA.

## GEOTECHNICAL AND STRUCTURAL MONITORING

We offer a wide range of sensors for geotechnical and structural monitoring applications. From tiltmeters to strain gauges, our sensors deliver precise measurements for assessing the stability and integrity of critical infrastructure. Our geospatial monitoring solutions utilize Automated Total Stations (AMTS) and GNSS to provide high-precision measurements of structural movements and deformations.

### BENEFITS

- ▶ Single supplier for sensors, data loggers and automated systems
- ▶ Easy installation with custom field ready kits and accessories
- ▶ Expert technical team provides support on behalf of manufacturers
- ▶ Purchase and rental options to meet your specific project needs



COMBINE OUR SENSOR TECHNOLOGY WITH A WIDE RANGE OF VERSATILE DATA LOGGERS AND DATA ACQUISITION TECHNOLOGY INCLUDING WIFI, 4G CELLULAR, LORA AND SATELLITE





**ABOUT US**

Founded in 2013, Specto Technology provides North America with wireless hardware and software solutions for Geotechnical, Structural and Environmental monitoring projects.

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, view your data and receive real-time alerts with reliability and ease.

Discover how Specto Technology can enhance your project with turnkey monitoring solutions.

Contact us today to learn more and speak with our technical experts at:

**866-925-7737 | [sales@spectotechnology.com](mailto:sales@spectotechnology.com)**

**CUSTOMERS WHO RELY ON SPECTO TECHNOLOGY**

