

# Wireless Crack/Joint Monitoring

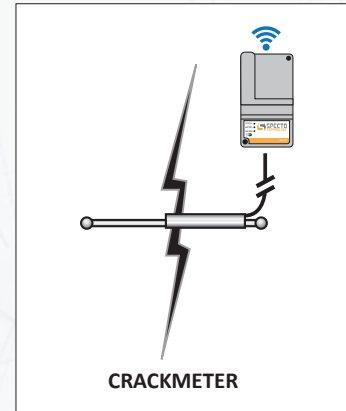


## System Overview

Specto Technology's automated, wireless crack and joint monitoring system combines unique hardware and software technologies to provide customers with a simple and effective solution for unattended crack and joint monitoring.

By leveraging the power of the simple, rugged Wasp datalogger along with reliable String Potentiometer and crackmeter sensors, joint and crack movement may be monitored remotely and automatically.

Time spent on site is virtually zero thanks to the simplicity of the Wasp and the fact that system configuration and management is done remotely through a simple web portal.



## Features & Benefits

- Crackmeter or String Potentiometer sensors accurately measure crack or joint movement
- Rugged sensor housing
- Sensors come in various forms, sizes, measuring range and prices
- Wasp datalogger collects data and transmits to the web up to twice per day
- Read up to 4 x sensors per Wasp logger
- 5 year battery life (with daily upload)
- Fully potted electronics protect Wasp from water ingress
- Setup, configuration and automated download done via web portal
- Plug-and-play installation (no on-site setup required)
- Proven technology (more than 5000 WaspS already deployed worldwide)
- Low subscription cost
- Compatible with eagle.io monitoring software

## Associated Products

- Wasp Datalogger
- String Potentiometer
- Crackmeter
- Arest software
- eagle.io monitoring software

## How it Works

1. The Wasp records data from the sensor at intervals determined by the user (as often as every minute)
2. Data is sent to the web over the cellular network each day (or when a threshold is exceeded)
3. Data is available for viewing in a web-browser (through the eagle.io software)

