Emergency Response

Air Chemical Analysis for Fire Event or Natural Disaster

Complete your air chemical assessment by bundling with our drone-based analyzer accessories!

Our technology help you minimize emergency responder's risk when entering a hazard scene. With the instant data collected on-site, your team can have a quick overview of the scene and make an efficient rescue plan. We also provide monitoring services and training to ensure wood burning fireplaces are operating lawfully and not emitting dangerous chemical compounds.

Drone-Based Air Chemical Analyzer

Our **Drone-Based Analyzer DR2000** can the detection of hot-spots and hard-to-reach areas, along with providing more granular data on the spatial and temporal patterns of the smoke. During the flight, the real-time data are deployed to our ground station for review. Lab asscessment can be arranged when using sample bags with DR2000.

DR2000

Drone-Based Analyzer Accessories

Integrated Weather Station is an advanced technology device that measures wind speed up to 150 MPH with ambient temperature compensation. Wind speed data will help determine the direction and spread of the pollutant. It plays an important role in the rescue plan.

For fire events or wildfire, **Integrated Thermal Camera** on the drone-based analyzer can pick up signs of fire and identify the location of the fire.

Integrated Weather Station

Integrated Thermal Camera

Hand-Held Mobile Chemcial Analyzer

During the fire event, if drone is not accessible, we recommend our hand-held mobile device **TR8+ OdoTracker Anaylzer** for chemical analysis. TR8+ can measure ambient air quality and greenhouse gas, with up to 10 sensors and tracking via GPS position.

TR8+

DRIMS2

Drone Information Management System

The Scentroid Drone Information Management System, DRIMS2, our all-inclusive software, is used to view historical data, run diagnostics, configure, and set alarm levels for DR2000. DRIMS2 is easy to use graphical interface allows anyone to run complicated data analytics without being a GIS expert. It can control and display data from multiple DR2000s in the same fleet.

SCENTROiD
Future of Sensory Technology