

# Climate Drone

## UAV with Methane Sensor Package DRONECHEM-Series

Models: DroneCHEM-LX and DroneCHEM-FX

Model: DroneCHEM-Methane (Climate Drone Methane-Dual Detector System)

### Features

- Optical Laser Methane Detection - **DRONECHEM-LX**
  - Detects Methane at Distance
- Air Sensor - Methane Detection - **DRONECHEM-FX**
  - Detects Methane at Close Proximity
- Sensor Package
  - DRONECHEM-METHANE**
    - Two Detectors
      - **DRONECHEM-LX** and
      - **DRONECHEM-FX**
- Real-Time Direct Wireless Data Download to Ground Station, Laptop, or Other Data Acquisition System
- Data GPS Linked Via UAV
- Integrated Software
- Display on Ground Station: Graph and Map
- Small and Lightweight
- Sensors and Sensor Package - Quick Connect to **UAV**



Dronechem-Methane  
Climate Drone With Dual Sensor Package



DRONECHEM-LX  
Methane Laser Sensor



UAV  
DRONECHEM-FX  
Methane Air Sensor

### Application

**Dual Detector System:** The UAV based **DroneCHEM-METHANE** two detector package is perfect for flying pipelines, oil fields and other facilities that run the risk of methane leaks into the atmosphere. It is recommended to fly both sensors at the same time. The real-time download of data and GPS location from methane package to ground station, laptop, or other data acquisition system is wireless.

Use the **DroneCHEM-LX** for an overview of any methane activity. The **DroneCHEM-FX** provides close up source quantitative leak detection: pinpoint location and measurement of leak.

Fly Either **DroneCHEM-LX** or the **DroneCHEM-AERO-FX** Separately

The **DroneCHEM-LX**; a laser detector for determining any methane leaks from a distance.

The **DroneCHEM-FX**; a flow through air sensor pinpointing specific location of methane leaks.



## TECHNICAL ASSOCIATES OVERHOFF TECHNOLOGY

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