

# High Precision Monitoring without Infrastructure Investment



**Sensible EDP**  
MONTROSE ENVIRONMENTAL GROUP

**WAQM**

Based upon the recent Inflation Reduction Act 2022 announcement, EPA funding is now available to State, Local, and Tribal agencies for air quality monitoring. **2B Technologies**, **Montrose Environmental**, and **Wanco** have joined together to create a full end-to-end air quality monitoring solution, available immediately.

The solution consists of world class air monitoring systems from 2B Technologies, real-time data monitoring and field services from Montrose's Sensible Environmental Data Platform, and the Wanco® Portable Air Monitoring System, which provides high-precision FEM quality instrumentation on a robust mobile platform with built-in solar power.

## The End-to-End Air Monitoring Solution

### MONITORING

O<sub>3</sub> (FEM) NO<sub>2</sub> (FEM) NO PM1 PM2.5 PM10 CO<sub>2</sub> CO VOCs MET

This all-in-one solution combines multiple instruments for high-precision air quality monitoring anywhere.



### DATA ANALYSIS

Data transmitted to the cloud, monitored, analyzed and processed all in real time with **Sensible EDP**.

### FIELD SERVICES

Installation and ongoing field maintenance to support specific goals and needs.

### ALERTS & REPORTING

Active alerts provided in real-time for response and compliance.

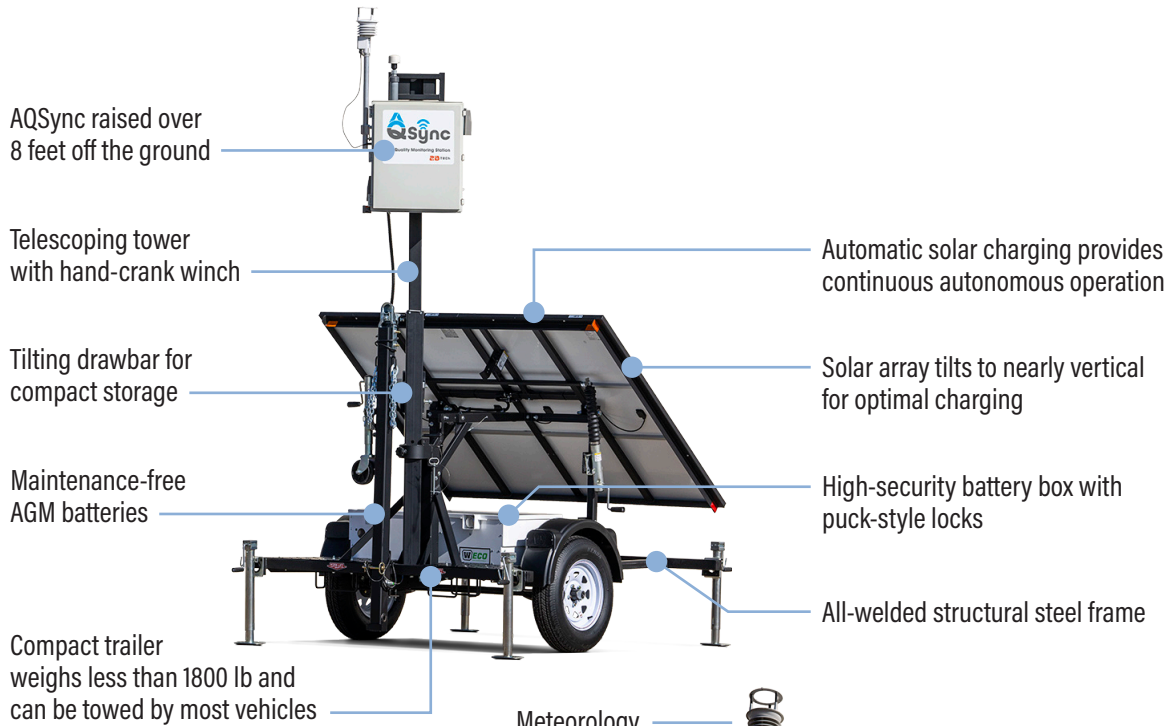
**The WAQM Portable Air Monitoring System** provides air quality monitoring wherever and whenever it is needed. System power is supplied by onboard batteries in a locked, high-security enclosure. The batteries are continuously and automatically charged by the system's high yield solar based charging system. With no need for infrastructure to support it, the system is easy to transport and deploy, relocate and deploy again.

(949) 245-2100

sensible-edp.com

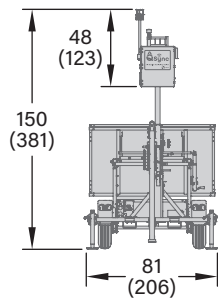
iragrant@montrose-env.com



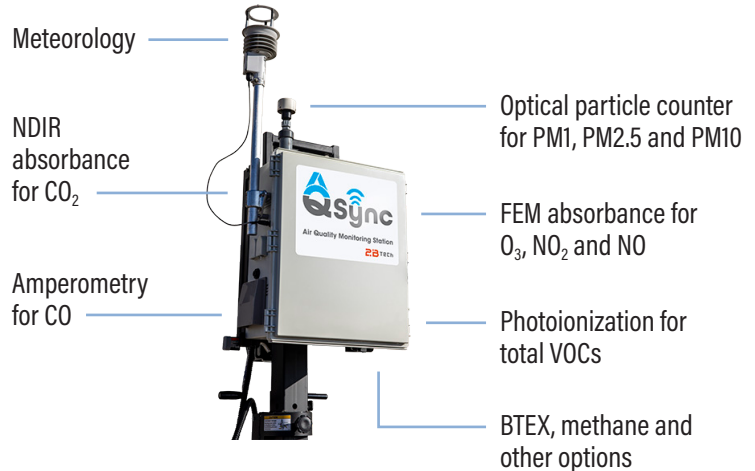
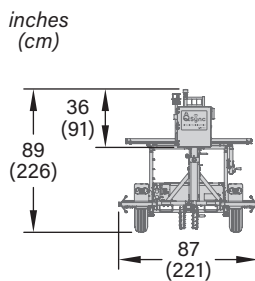


**Dimensions**

**Deployed**



**Service / Storage**



- AQSync** 2B Tech's high-precision FEM instruments for O<sub>3</sub>, NO<sub>2</sub> and NO  
 FEM quality optical particle counter with sheath flow and heated inlet for PM1, PM2.5 and PM10  
 Reliable measurements for CO<sub>2</sub>, CO and tVOCs  
 Meteorological station with sonic anemometer for wind speed/direction, temperature, pressure, relative humidity  
 Tunable diode laser for methane  
 Micro GC for BTEX  
 Data access and instrument control via the cloud, and locally with touchscreen control
- EDP** Real-time data collection, centralized monitoring and pollutant threshold alerts  
 Centralized system for offline and online data storage, analysis and reporting  
 Public and private websites for data transparency across departments and communities
- Power** 730W solar array, 400Ah battery bank in high-security battery box  
 Smart MPPT solar charge controller for outstanding power efficiency

All information is subject to change without notice.

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