



Air Quality Monitoring Station

The Best of the Best in One Package

- 2B Tech's High-Precision Devices for O₃, NO₂ and NO
- Cutting Edge Instruments for CO₂, PM
- Stable, Reliable Measurements of CO, total VOCs
- Sonic Anemometer

Data Access and Instrument Control via the Cloud



Bring it all together with the AQSync



- FEM-quality absorbance measurements for O₃, NO₂ and NO
- NDIR absorbance for CO₂
- Amperometry for CO
- Photoionization for total VOCs
- Optical particle counter with sheath flow and heated inlet for PM₁, PM_{2.5}, PM₁₀
- Power-stingy requirements enable options for powering with battery or solar panel

Specifications and Features

Measurements

O₃ (FEM), NO₂ (FEM approval pending), NO, CO, CO₂, total VOCs, PM₁, PM_{2.5}, PM₁₀, T, P, RH, wind speed, wind direction

Operation

Touchscreen or remotely via the Web

Data Transmission

Cellular or WiFi to the Cloud (Ethernet option)

Power Requirements

120 VAC to DC via power converter provided; optional configuration for user's battery or solar panel

Enclosure

Rugged NEMA 4X, IP67

Dimensions & Weight

25.5" H × 25.5" W × 10.3" D (with weather station, height is 49")

54.7 lb (dependent on modules chosen)

Expand Possibilities

- Extend air quality monitoring to sparse data areas or remote locations
- Set up a drive-by calibration station for your sensor-based mobile AQ monitoring program
- Place a network of AQSync instruments at schools or other public sites to monitor and map air pollution
- Upgrade/augment existing AQ monitoring capabilities

