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Qsync

Air Quality Monitoring Station

The Best of the Best in One Package

- 2B Tech's High-Precision Devices for O_3, NO_2 and NO
- Cutting Edge Instruments for CO_2, PM
- Stable, Reliable Measurements of CO
- Sonic Anemometer

Data Access and Instrument Control via the Cloud

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Bring it all together with the AQSync

- FEM-quality absorbance measurements for O_3, NO_2 and NO
- NDIR absorbance for CO_2
- Amperometry for CO
- Light scatter particle detection with sheath flow and heated inlet for PM_1, $PM_{2.5}$, PM_{10}
- Power-stingy requirements enable options for powering with battery or solar panel

Specifications and Features

Measurements	Operation	Data Transmission	Power Requirements	Enclosure	Dimensions & Weight
O_3 (FEM), NO_2 (FEM approval pending), NO, CO, CO_2, PM_1, $PM_{2.5}$, PM_{10}, T, P, RH, wind speed, wind direction (VOCs option)	Touchscreen or remotely via the Web	Cellular or WiFi to the Cloud (Ethernet option)	120 VAC to DC via power converter provided; optional configuration for user's battery or solar panel	Rugged NEMA 4X, IP67	25.5" × 25.5" × 10.3" (with weather station, height is 49") 54.7 lb

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

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