

AQSYNC AIR QUALITY MONITORING STATION



The Best of the Best in One Package

- 2B Tech's high precision FEM instruments for O₃, NO₂ and NO
- Optical particle counter with sheath flow and heated inlet for near-FEM PM₁, PM_{2.5}, PM₁₀
- Meteorological Station including sonic anemometer
- Methane Module Available
- Data Access and Instrument Control via the Cloud
- Low power requirements to enable powering with battery or solar

SPECIFICATIONS AND FEATURES

Measurements	O ₃ (FEM), NO ₂ (FEM), NO, PM ₁ , PM _{2.5} , PM ₁₀ , CH ₄ , T, P, RH, wind speed, wind direction
Operation	Touchscreen or remotely via the Web
Data Transmission	Cellular, WiFi, Modbus (TCP), SD card
Power Requirements	120/240 VAC or 12 V DC, solar ready
Enclosure	Rugged NEMA 4X, IP67
Dimensions	25.5" H x 25.5" W x 10.3" D (with weather station, height is 49")
Weight	54.7 lb (dependent on modules chosen)

EXPAND POSSIBILITIES

- Place a network of AQSyncs at public sites to increase community monitoring
- Use the AQSync to calibrate sensor networks
- Extend air quality monitoring to sparse data areas or remote locations
- Quickly deploy reliable instrumentation for forest fires or other emergency response
- Utilize the AQSync on a solar trailer for road-side monitoring during construction