AQSYNC AIR QUALITY MONITORING STATION

The Best of the Best in One Package

- 2B Tech's High Precision FEM Instruments for O_3, NO_2 and NO
- FEM Quality Instrument for PM_1, $PM_{2.5}$, PM_{10}
- Reliable Measurements for CO_2, CO, and tVOCs
- Meteorological Station Including Sonic Anemometer
- Data Access and Instrument Control via the Cloud

BRING IT ALL TOGETHER WITH THE **AQ**SYNC

☑ FEM absorbance measurements for O_3, NO_2 and NO

☑ Optical particle counter with sheath flow and heated inlet for PM_1 , $PM_{2.5}$, PM_{10}

☑ Photoionization for total VOCs

☑ Amperometry for CO

☑ NDIR absorbance for CO_2

☑ Power stingy requirements enable options for powering with battery or solar panel

ONE DEVICE TO DO THE WORK...

OF ALL OF THESE.

SPECIFICATIONS AND FEATURES

Measurements	O_3 (FEM), NO_2 (FEM), NO, PM_1, $PM_{2.5}$, PM_{10}, tVOCs, CO, CO_2, T, P, RH, wind speed, wind direction
Operation	Touchscreen or remotely via the Web
Data Transmission	Cellular, WiFi, Ethernet, Modbus (TCP), USB port
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