



FEM Ozone and Customizable Sensors in a Rugged Outdoor Enclosure

- 2B Tech's High-Precision FEM Instrument for O₃
- Sensor Options Include PM_{2.5}, PM₁, CO₂, CO, NO₂, SO₂, TVOCs

Data Transmission and Access via the Cloud



Measure Ozone and More with the AQLite



- FEM ozone by UV absorbance at 254 nm
- Proven sensor technology with customizable options for PM₁, PM_{2.5}, CO₂, CO, NO₂, SO₂, TVOCs
- Real time cellular data transmission to the Cloud
- Low power requirements (15 watt)

Measurements: O₃, PM₁, PM_{2.5}, CO₂, and any 2 of the following: NO₂, CO, SO₂, TVOCs

Data Outputs: Cellular to the Cloud; Bluetooth; RS232; microSD data storage

Power Requirements: 15 watts

Power Methods: DC: 120 VAC to DC via power converter provided;
optional configuration for user's battery or solar panel
AC: Direct AC input via user's power grid

Operating Temperature: 0–50°C for ozone

Enclosure: Weather Resistant NEMA 4X, IP66

Dimensions and Weight: 10.1" × 8.1" × 4.4" (25.7 × 20.6 × 11.2 cm); 7 lb (3.2 kg)

Expand the Possibilities with the AQLite

- Extend air quality monitoring to sparse data areas or remote locations
- Place a network of AQLite instruments at schools or other public sites to monitor and map air pollution
- Upgrade/augment existing AQ monitoring capabilities
- Implement mobile monitoring on your vehicle with 2B Tech's mounting system
- Add a weather station to gather meteorological data

