



INDOOR AIR QUALITY INSTRUMENTS · PRODUCT BRIEF

# iAQ-Pro

15-Parameter Handheld IAQ Field Instrument

Rev A · August 2026 | **Category:** Indoor Air Quality Instruments | **Interface:** Cloud portal / USB / Modbus

- 15
- 72 hr
- 5"
- 1.3 lb

## OVERVIEW

The iAQ-Pro measures PM1, PM2.5, PM4, PM10, CO<sub>2</sub>, TVOC, NO<sub>x</sub>, CO, temperature, relative humidity, barometric pressure, and sound level — plus optional e-Pod expansion modules for Radon and moisture.

Designed for IAQ professionals, industrial hygienists, and environmental consultants who need accurate data — anywhere.

Measure particulate matter, gases, temperature, humidity, and more — all in one field-ready device with 72-hour battery life.

## TECHNICAL SPECIFICATIONS

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Particulate Matter | PM1, PM2.5, PM4, PM10 — optical particle counter                                      |
| Gases              | CO <sub>2</sub> (NDIR), TVOC, NO <sub>x</sub> (electrochemical), CO (electrochemical) |
| Environmental      | Temperature, Relative Humidity, Barometric Pressure, Sound Level                      |
| Expansion (e-Pods) | Radon monitor, Moisture / leak sensor                                                 |
| Display            | 5" color touchscreen                                                                  |
| Battery            | 6500 mAh LiFePO <sub>4</sub> — 72 hours typical, USB-C charging                       |
| Connectivity       | Cellular LTE-M / NB-IoT (nRF9160), Wi-Fi 802.11 b/g/n, BLE 5, GPS                     |
| Dimensions         | 10.8" × 1.6" × 3.5" (274 mm × 41 mm × 89 mm)                                          |
| Weight             | 1.3 lb (590 g)                                                                        |
| Data logging       | On-device storage + automatic cloud sync, GPS-tagged readings                         |
| Firmware           | OTA updates via cellular or Wi-Fi                                                     |

## KEY CAPABILITIES

**Measure What Matters.** PM1, PM2.5, PM4, PM10, CO<sub>2</sub>, TVOC, NO<sub>x</sub>, CO, temp, humidity, pressure, and sound. Expandable with e-Pod modules for Radon and moisture.

**72-Hour Battery Life.** 6500 mAh LiFePO<sub>4</sub> battery powers a full three-day field survey without recharging. Charges via USB-C.

**5" Touchscreen.** Full-color 5-inch display shows live readings, trends, and alerts. Intuitive touch interface — no laptop required in the field.

**Cellular + Wi-Fi.** Automatic cloud sync via cellular (nRF9160) or Wi-Fi. OTA firmware updates. GPS location tagging on every reading.

## BUILT FOR PROFESSIONALS WHO CAN'T AFFORD BAD DATA.

**IAQ Assessment.** Comprehensive indoor air quality surveys for commercial and residential buildings. Building commissioning, ASHRAE 62.1 compliance checks, tenant complaint investigations.

**Environmental Remediation.** Monitor air quality during and after remediation projects. Mold remediation clearance, post-flood or fire recovery, asbestos and lead abatement monitoring.

**Industrial Hygiene.** Worker exposure monitoring and occupational health compliance. Chemical exposure assessments, OSHA compliance documentation, confined space entry monitoring.

**Research & Studies.** GPS-tagged readings and automatic cloud sync enable epidemiological studies, longitudinal IAQ research, and comparative site analyses.