



Apis is an air quality data provider. We build, install, and maintain networks of small, low-cost air quality monitors that measure the levels of gasses, odors, and toxic pollutants in the air we breathe.

Our monitoring stations measure multiple gasses and ambient weather conditions to provide real time, hyperlocal, and reliable air pollution data for "indicative" and "near reference" community monitoring.

Data from our networks is purchased in quarterly or yearly recurring DaaS (Data as a Service) subscriptions which include all ongoing data management, maintenance, calibration services, and hardware upgrades.



## Technical Advantages

- ❖ Measures Criteria Pollutants and Total VOC's
- ❖ Exceeds European Standard (2008/50/EC)
- ❖ Strong Correlation to Regulatory Instruments
- ❖ Active Flow and Sample Control System
- ❖ Field Auditable
- ❖ Calibrated to NIST Traceable Standards
- ❖ Integrated Modem and GPS Receiver
- ❖ Redundant Cloud Storage for Data Security
- ❖ Windows, Mac, Google Data Compatibility

## Applications

- ❖ Industrial Emissions Monitoring
- ❖ Smart Cities
- ❖ Regulatory and Compliance Enhancement
- ❖ Fence Line Monitoring
- ❖ Saturation Studies and Siting
- ❖ Pollution Forecasting
- ❖ Dispersion Modeling
- ❖ Public Health and Environmental Justice



# Pollution Monitoring for the Next Generation

## Specifications

Ambient	Temp	Humidity	Pressure
Range	-30C to 60C	5 to 100%	300 to 1100 hPa
Resolution	0.1C	0.1%	0.1 hPa
Accuracy	±0.5C	±3%	±1 hPa
Repeatability	±0.2C	±0.5%	
Drift	±0.4C/yr	±0.6%	

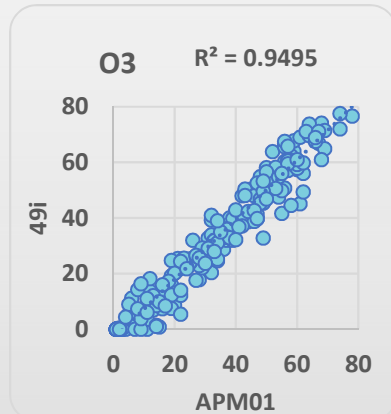
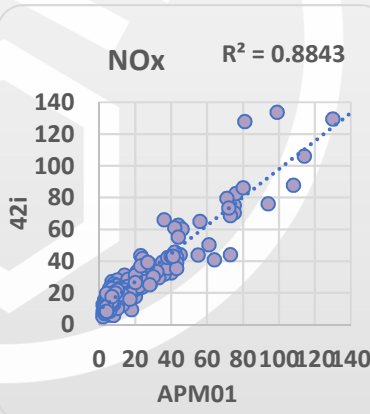
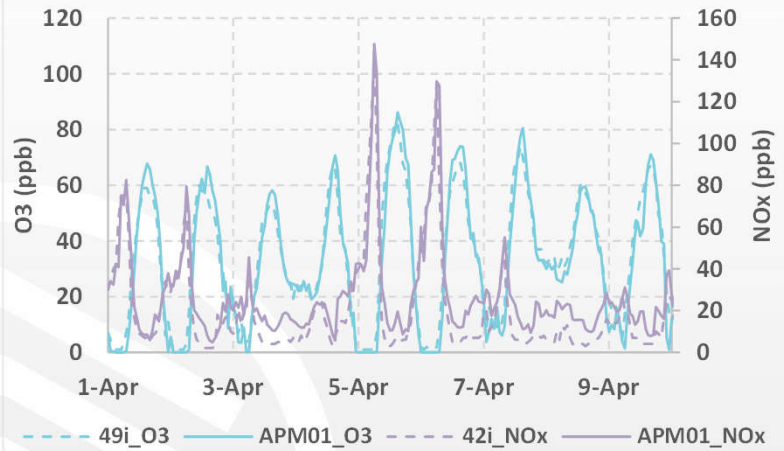
- ❖ Power; 7-35W @ 10-32 VDC
- ❖ Shipping Box Size; 24-in x 14-in x 14-in
- ❖ Shipping Weight; 15-lbs (4.5 kg)

## User Interface

- ❖ 5-min to 1-yr Selectable Display Range
- ❖ 1-min, 5-min, 1-hr Avg Data Output
- ❖ Selectable ON/Off Chart Parameters
- ❖ Multi-User Chart Sharing
- ❖ 1-min Refresh Rate

## Typical Sensor Performance

APM01 (3-Unit Avg) vs. Thermo 42i, 49i



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