

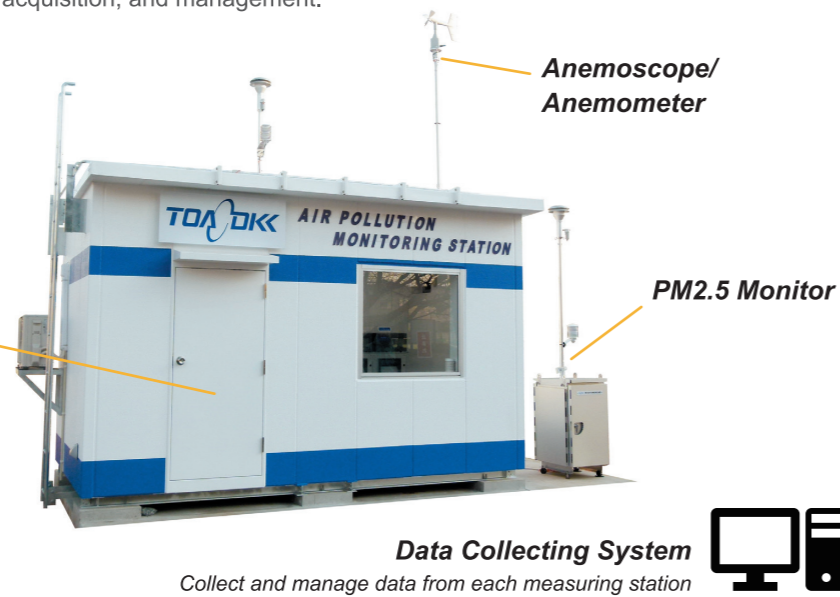
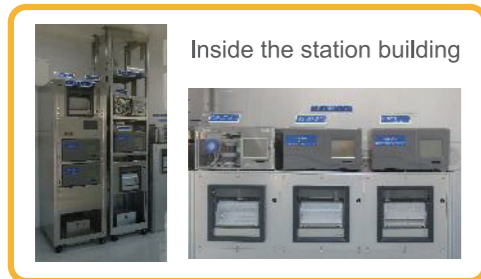
## Total solutions centered around measuring instruments

Monitoring air pollution requires not only individual measuring instruments, but also comprehensive optimization encompassing equipment combinations, data management, and installation environments. We provide optimized air-quality monitoring solutions through system integration tailored to each application, from fixed monitoring stations to mobile measurement vehicles.

### Ambient Monitoring Station

Air Quality Monitoring Stations conduct continuous monitoring at the same location to track long-term changes. Monitoring stations are equipped with air pollution measurement devices, meteorological instruments (such as wind vane and anemometer, thermohyrometer, pyranometer), data acquisition systems, communication devices, air-conditioning units, ventilation fans, and lighting. Our measurement station buildings integrate measurement instruments for key parameters such as PM2.5 and NOx, providing a unified system for measurement, data acquisition, and management.

#### Ambient Air Monitoring Instruments



### Mobile Monitoring Station

The mobile air quality monitoring vehicle is a mobile solution equipped with measurement capabilities equivalent to those of a fixed monitoring station, enabling rapid deployment wherever needed. Data collected at the required locations is transmitted directly from the monitoring vehicle to the central monitoring center via subscriber telephone lines, where it is compiled and analyzed. Based on our proven track record of deployments in Japan, we can flexibly accommodate customizations to equipment configurations and installed instrument types.



**DKK-TOA CORPORATION**

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**CAUTION** Please read the operation manual carefully before using products.

<https://www.toadkk.com/english>

Specifications and prices are subject to change without notice.



# AMBIENT AIR MONITORING

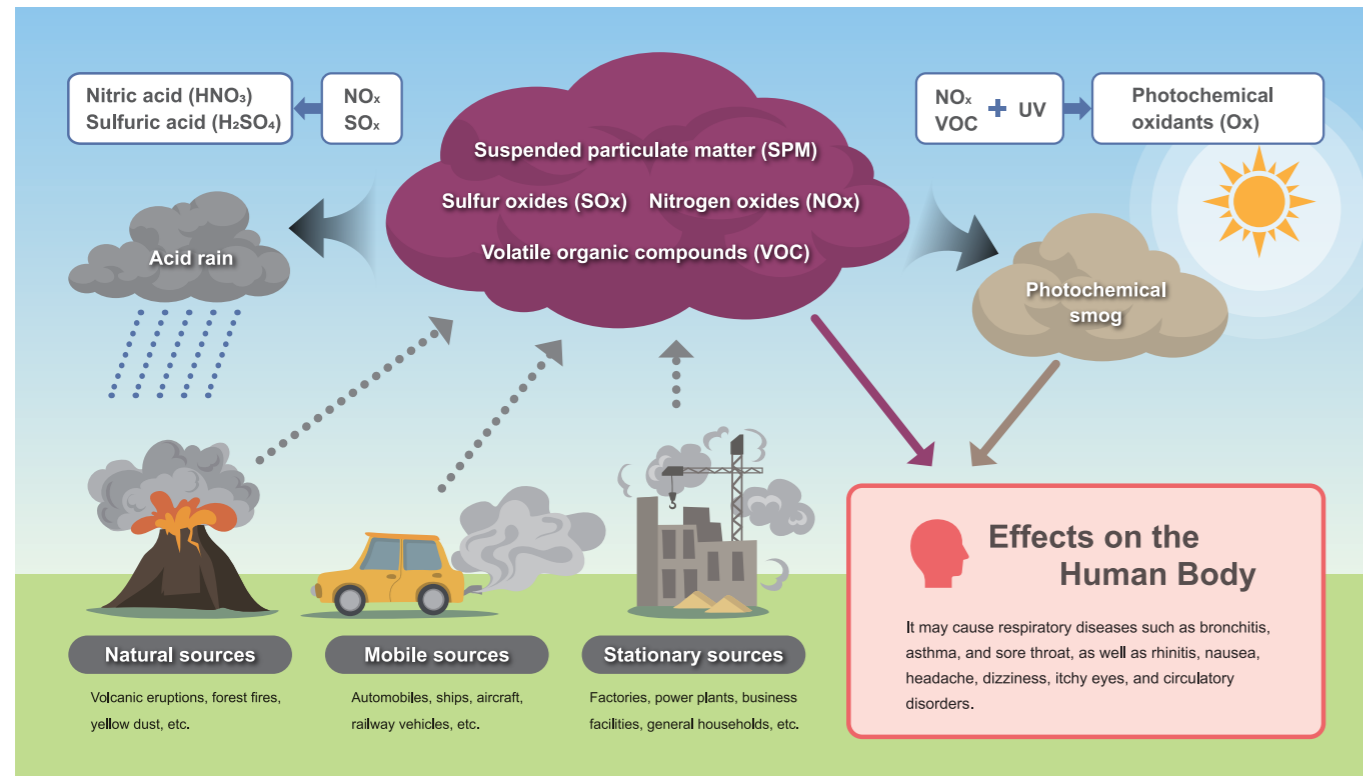
*Reliable ambient air monitoring for sustainable future*



**DKK-TOA CORPORATION**


# Contributing to the preservation of the global environment through measurement technology

Air pollutants from vehicles, factories, and households not only affect human health but also cause a variety of environmental problems, such as acid rain, forest decline, photochemical smog, and the urban heat island effect. DKK-TOA upholds the corporate philosophy of "Preserving the global environment and realizing a prosperous future for humanity." As professionals in atmospheric environmental measurement, we have earned strong trust over many years through our technology, proven expertise, and high-quality service.




Our Environmental Atmospheric Monitoring Instruments continue to be selected at numerous sites thanks to their high reliability, USEPA (U.S. Environmental Protection Agency) certification, and extensive track record in Japan. In Japan, our instruments hold a leading market share in the air monitoring field, and they are used in a wide range of countries and regions overseas, recognized as essential tools supporting international air quality monitoring.


**Obtained USEPA certification\***



**High market share in Japan**



**A proven track record in various countries**



\*USEPA certification is an internationally trusted accreditation awarded to instruments that meet stringent testing requirements for precision, repeatability, and long-term stability in measuring air pollutants. Measuring instruments with this certification are frequently required by environmental regulations and monitoring projects overseas, driving their global adoption.



Our environmental air monitoring instruments cover all major measurement parameters for which environmental standards are established, meeting diverse monitoring needs. Furthermore, we offer a wide range of related equipment, including calibration devices, to support the establishment of a comprehensive measurement environment.

## LINEUP

Parameter	Model	Measurement method
Photo chemical oxidant (Ox)	GUX-390	UV absorption method
Carbon Monoxide (CO)	GFC-390	Non dispersive infrared analyzer
Fine particulate matter (PM10/PM2.5)	FPM-377C	βray absorption method
Sulfur Dioxide (SO <sub>2</sub> )	GFS-390	Ultraviolet fluorescence method
Nitrogen Oxides (NO <sub>2</sub> )	GLN-390	Chemiluminescence

**PM10/PM2.5**



Microparticulate matter Monitor  
**FPM-377C**

USEPA:  
PM10 EQPM-0905-156  
PM2.5 EQPM-1224-264  
PM10-2.5 EQPM-1224-265

**O<sub>3</sub>**



Ozone Analyzer  
**GUX-390**

USEPA: EQOA-1107-169

**CO**



Carbon Monoxide Analyzer  
**GFC-390**

USEPA: RFCA-0907-167

**SO<sub>2</sub>**



Sulfur Dioxide Analyzer  
**GFS-390**

USEPA: EQSA-1107-168

**NO<sub>x</sub>**

Nitrogen Oxides Analyzer  
**GLN-390**

USEPA: RFNA-0508-171

## Related equipment

Calibration gas generator  
**CGS-12**




Ozone generator for calibration  
**OZ-200**