

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, thermohydrometer, 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.

Specifications and prices are subject to change without notice.



AMBIENT AIR MONITORING

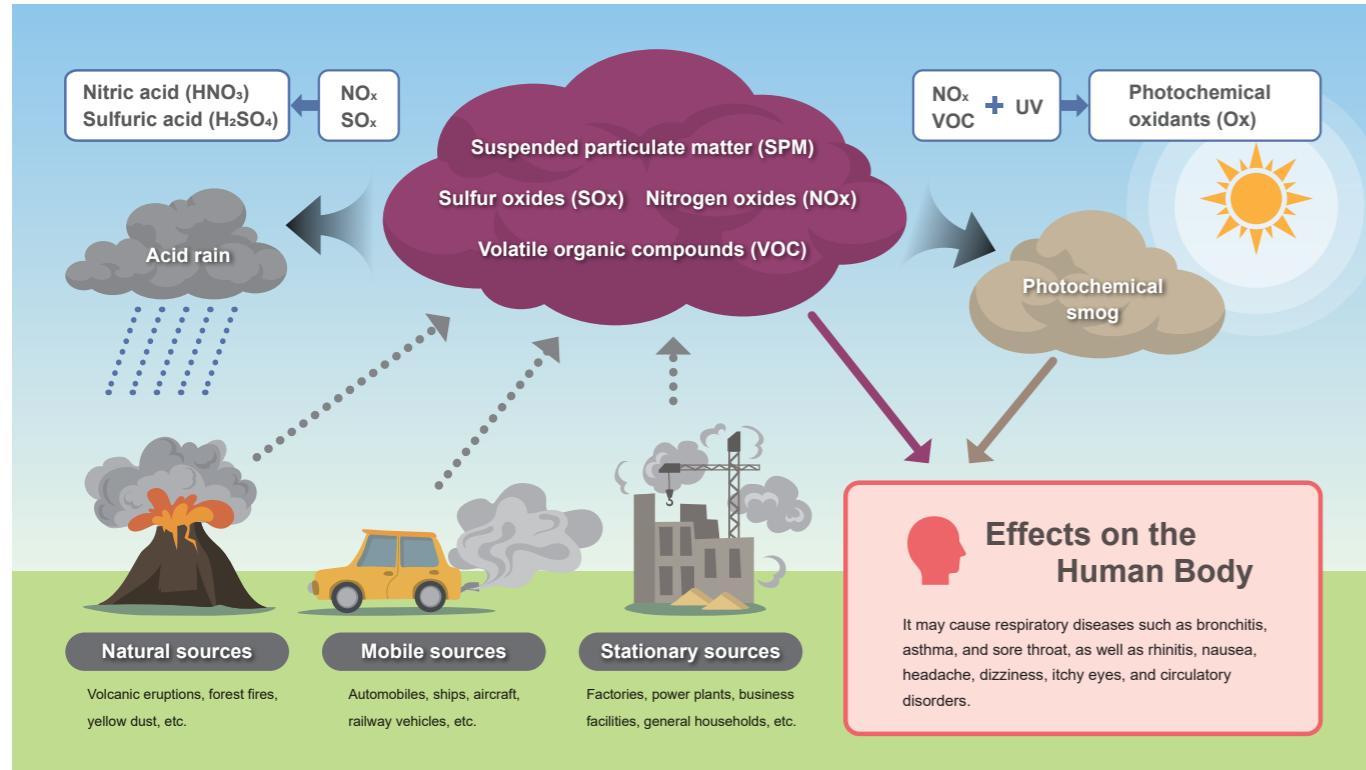
Reliable ambient air monitoring for sustainable future



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 ₂)	GFS-390	Ultraviolet fluorescence method
Nitrogen Oxides (NO ₂)	GLN-390	Chemiluminescence

PM10/PM2.5

Microparticulate matter Monitor
FPM-377C



USEPA: EQPM-1224-265

O₃

Ozone Analyzer
GUX-390



USEPA: EQUA-1107-169

CO

Carbon Monoxide Analyzer
GFC-390



USEPA: RFNA-0907-167

SO₂

Sulfur Dioxide Analyzer
GFS-390



USEPA: EQSA-1107-168

NOx

Nitrogen Oxides Analyzer
GLN-390



USEPA: RFNA-0508-171

Related equipment

Calibration gas generator
CGS-12



Ozone generator for calibration
OZ-200

