

More ways to see what's in your air.

**Thermo Scientific
Ambient Air Monitoring
Instruments and Support**



Ambient monitoring?

We've got you covered.

For over 40 years, Thermo Scientific products have been helping to service the regulatory market through compliance monitoring. Today we offer the industry's widest choice of air quality instruments to provide solutions that add flexibility and convenience to ambient monitoring for the Environmental Compliance Industry and Researchers alike.

Offering EPA and Internationally approved methods as well as instruments means there is a Thermo Scientific product that's right for your application.

Applications

- Regulatory monitoring for compliance
- Source identification and control
- Emergency response
- Determining gaseous or particulate trends
- Forensic studies
- Construction or remediation
- Mining



Particulate

The Thermo Scientific particulate instrumentation offering encompasses the products you've come to know and trust over the years from legacy brands like R&P Co., and Andersen.

Whether you are studying the effects of particulate on human health, or monitoring for compliance, the Thermo Scientific particulate line of products offers the most versatile instrumentation available today.

Technologies

Utilizing the most innovative technologies in the market, we offer multiple options for various site requirements.

Manual:

- Filter based federal reference methods
- PUF impaction for chemical speciation

Continuous

- TEOM
Real-time microbalance technology that provides NIST traceable direct mass measurements.
- Beta attenuation
Using a low emitter C14 source
- Hybrid technology
Utilizing light scattering and beta attenuation for an extremely fast response that's reliable.





Service capabilities

Our application staff is available to work with you, review your needs and provide the applications that fit your specific facility requirements. We also provide a number of service offerings to assist in the integration and upkeep of your instruments.

- Web based training
- On site training
- Depot repair
- Service contracts

Gases

Our Thermo Scientific line of iSeries gas analyzers were engineered with an open layout providing easy access to all components. A common user interface across instruments enables users of all experience levels to operate with ease.

Monitoring targeted range of trace level gases, including:

Ozone SO₂ CO H₂S NO NO₂ NO_x NH₃
 RH₄ NMHC THC

Technologies

We offer comprehensive solutions for the detection of a broad range of gaseous pollutants utilizing various technologies to meet your specific needs.

NDIR
 Non-Dispersive Infrared is the technology used for the measurement of CO, CO₂, HCl, and other infrared absorbing gases.

Chemiluminescence
 The industry standard technology for measuring nitrogen based compounds such as NO, NO₂, and NH₃.

Pulsed Fluorescence
 Pioneered by Thermo Fisher as the most reliable, sensitive, and accurate method for the determination of SO₂.

FID
 Flame Ionization Detection is the most common method of measuring hydrocarbons to meet the criterion of the US EPA's Method 25A and 25B.

UV Photometry
 Based on the NIST reference photometer for the most specific measurement of ozone available.





EXPANDED TECHNICAL SUPPORT COVERAGE

Our highly trained and experienced technical support team is ready to provide application expertise and work with you to determine the product and configuration that best meets your needs. The team is there to troubleshoot instruments. Service contracts and short-term leasing/financing are also available.

CUSTOMER SERVICE

Our customer service team processes orders, provides status of current orders as well as pricing and availability of product. Our international customer service team is export-compliant trained and extremely experienced in shipping to all regions of the world.

CALL US

Our team can be reached between 8:00 AM and 8:00 PM, Monday through Friday, Eastern Standard Time by calling 866-282-0430 or 508-520-0430. Or fax us at 508-520-2800.

For more information about Thermo Scientific Ambient Air Monitoring Instruments, or any of our other monitoring solutions, please visit www.thermo.com/air

For ordering information, please contact your local dealer or Thermo Fisher Scientific representative.

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