In every drop, there is a measurement

Our innovative platform for analyzers brings you data easier than ever before
In every drop, there is a measurement

An advanced and flexible water quality monitoring solution that leverages a single platform for optical or electrode-based measurements. Designed with reliability and performance in mind, the Thermo Scientific™ Orion™ 8000 Series Analyzer Platform delivers maximum uptime and optimized chemistry for reduced waste and lower cost of ownership.

Features and benefits

• A common user-friendly interface featuring an intuitive color touchscreen and advanced diagnostics with multiple language capabilities
• Advanced fluid delivery and measurement system with optimized reagent formulations
  - Delivers high performance, accuracy, detection limits, repeatability, and reliability
• Plug and play component assemblies for ease of setup, and serviceability
• Wide range of communication protocol options
• Alarm and alert messages to protect process operations
• Flexible measurement technologies
  - Multi-stream sequencer
Orion™ 8000 Series Analyzer Platform

An all-in-one solution that advances diagnostic performance like no other

Introduction
The Orion™ 8000 Series Analyzer Platform is an all-in-one solution for water analysis incorporating multiple measurement technologies and parameters that operate through a modern touchscreen interface using common electronics and parts.

• With a large 7-inch, high-resolution color touchscreen, the platform delivers a state-of-the-art, consistent user experience that translates to higher productivity and the ability to use multiple analyzers on the platform with minimal training.
• Common electronics and parts simplify stock management of equipment, consumables and accessories, and ensure supply on-demand.
• Built-in predictive diagnostics and preventive maintenance schedules help ensure long-term, continuous operation of the analyzer with maximum uptime.
• Minimizes the volume of waste solution generated: the platform drives cost savings due to low reagent consumption and chemical waste generation.
• Each analyzer is optimized for the measurement of a single parameter through an accurate fluid delivery and quantification system translating to superior performance.
• Robust and reliable, these analyzers deliver low maintenance and long reagent life, which improves productivity.
• Built at state-of-the-art manufacturing facilities with automated test stands enables high quality and performance.

For easy integration into most data management systems, the technology powers the communication of data across multiple protocols, including:
• Analog output
• Bluetooth
• Cloud connectivity
• HART protocol
• Modbus TCP/IP
• PROFIBUS
• RS485
• Wireless

Industries
These analyzers are designed for use in the following industries:
• Power
• Municipal drinking water
• Municipal wastewater
• Food and beverage
• Pulp and paper

Applications
The Orion™ 8000 Series Analyzer Platform covers a wide range of concentrations across multiple applications, including:
• Drinking water
• Wastewater
• Ultrapure water
• Cooling water
• Boiler water
The flexibility of the 8000 series platform menu is provided through key features:

- A series of sub-menu options provide the ability to configure and set up preferences.
- In maintenance mode, a diagnostic function can identify any service that may be needed.
- Log options permit the user to view and identify erroneous data or changes to the analyzer during daily operation.
- Tiered security access levels allow lost passwords to be reset and key analyzer setup preferences to be protected.

These all deliver a unique feature-rich experience that provides the user with confidence and information at their fingertips.

**Multi-stream sequencer**
The platform offers the ability to analyze two, four, or six process streams. (Note: a sequencer can be used to analyze multiple streams and is sold as an add-on option.)

**Pre-filter**
A pre-filter reduces maintenance and increases reliability.

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Find out more at [thermofisher.com/orion8000](http://thermofisher.com/orion8000)