

EZ Series Online Analyzers

Your Complete Solution



Be Right™



- Wide Analytical Range
- Flexibility
- Faster Decisions
- Expand Your Capabilities

Monitoring Solutions for Industrial and Municipal Applications

Wide Analytical Range

The EZ Series suite of analyzers is the complete solution for the water cycle, measuring innovative parameters such as ATP, Toxicity, VFA/TAC, and Trace Metals, along with Organics, Inorganics, and Nutrients. Whether for drinking water, wastewater, or industrial applications, you can optimize a wide range of treatment processes with the EZ Series.

Flexibility

EZ Series analyzers offer you the ultimate in flexibility, with a variety of measuring ranges, multi-stream capabilities (up to eight channels), and multiple parameter options – including Total or Dissolved metals. Be confident in the accuracy of your analysis, with automatic calibration and validation – or choose to introduce your own sample or standard into the analyzer via the grab-sample port.

Faster Decisions

With EZ Series technology, you can improve process control, avoid downtime, and ensure compliance with 24/7 data availability. Administrator access and activated/deactivated menu keys provide customizable access levels for data security, and a variety of analog and digital communication outputs support easy integration into your systems.

Surface water



Water intake



Drinking water production

Power house / station



Production



Distribution

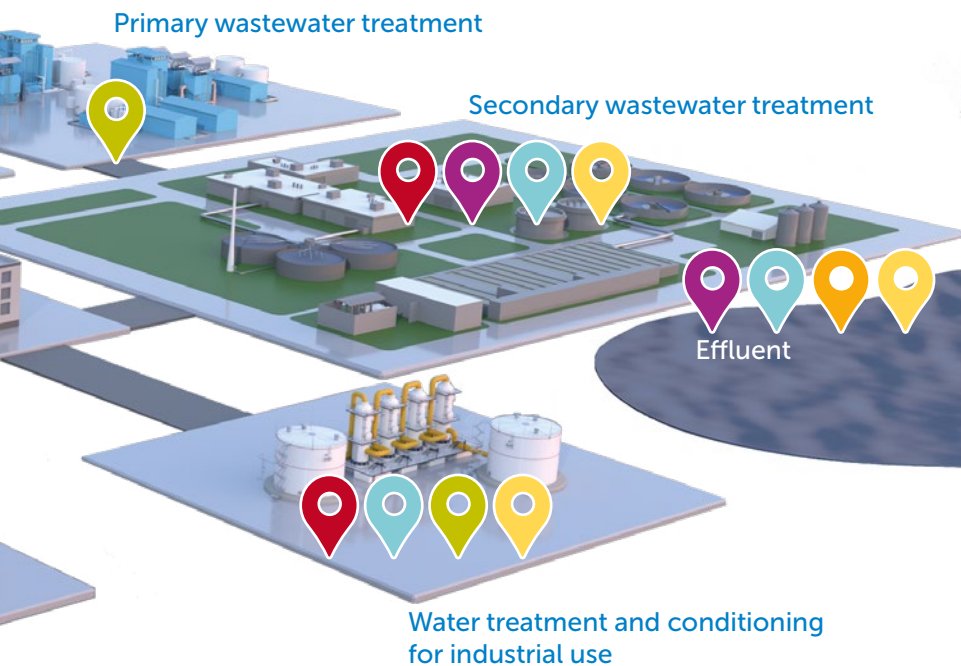


Cooling systems



Expand Your Capabilities

Reliable monitoring of remote locations or unmanned plants allows staff to focus on other tasks. All EZ Series analyzers share spare parts, thus requiring less inventory, while a common user interface reduces training efforts. Automatic cleaning between samples eliminates cross-contamination. All of this adds up to improved performance in your plant.



Parameters

Hardness & Alkalinity

Hardness (Total / Ca / Mg)
Alkalinity (Free / Total)

Nutrients

Ammonium
Nitrate
Nitrite
Phosphate
Total Nitrogen
Total Phosphorus

Organics

COD
TOC
Phenol
Volatile Fatty Acids (VFA)

Inorganics

Chloride
Chlorine (high range)
Cyanide
Fluoride
Hydrogen Peroxide (H₂O₂)
Silica
Sulfate
Sulfide

Metals

Aluminium
Arsenic
Boron
Chromium
Copper
Iron
Manganese
Zinc

Special Parameters

Adenosine Triphosphate (ATP) /
Microbial Activity
Toxicity
Colour

Your Complete Solution



Colorimetric Analyzer



ISE Analyzer



Titrator



Chemiluminescence Analyzer



Sample Preconditioning Panel

One Platform – Multiple Technologies

Thanks to the versatile instrument platform, in many cases it will be possible to match the online analysis to your established laboratory method.

- Colorimetry
- Ion-selective electrode (ISE)
- Single and multi-parameter titration
- Voltammetry
- Chemiluminescence or respirometry

All EZ Series analyzers come in the same rugged mainframe with a compact footprint. Their common user interface on industrial panel PCs is easy to use and keeps training efforts low.

Powerful Sample Preconditioning

In order to meet the requirements of the individual application, EZ Series analyzers can be combined with robust sample preconditioning units for filtration or external dilution. All systems are designed for fully automatic operation and require virtually no intervention.

The self-cleaning filtration systems are available for different particle sizes. Their design allows for trouble-free sampling and contributes to high uptimes.

Visit our website:
hach.com/ez-series

Applications

EZ Series parameters cover the complete water cycle from water intake to wastewater effluent. Learn more by downloading application notes and parameter specific documents from the Hach® Support Page. Some examples:

- Aluminium in drinking water
- Iron and Manganese in raw water
- Microbial Activity / ATP in industrial and environmental applications
- Volatile Fatty Acids and Alkalinity in anaerobic digesters
- Alkalinity and Hardness in cooling cycles

Service Partnership

With Hach Service, you have a global partner who understands your needs and cares about delivering timely, high-quality service you can trust. Our Technical Support, Field Service, and Central Service Teams work together with unique expertise to help you maximize instrument uptime, ensure data integrity, maintain operational stability, and reduce compliance risk.

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