



EZ Series Online Analysers

The Complete Solution



Wide Analytical
Range

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Flexibility

—

Faster Decisions

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Expand Your
Capabilities

Monitoring solutions for industrial and municipal applications

Wide Analytical Range

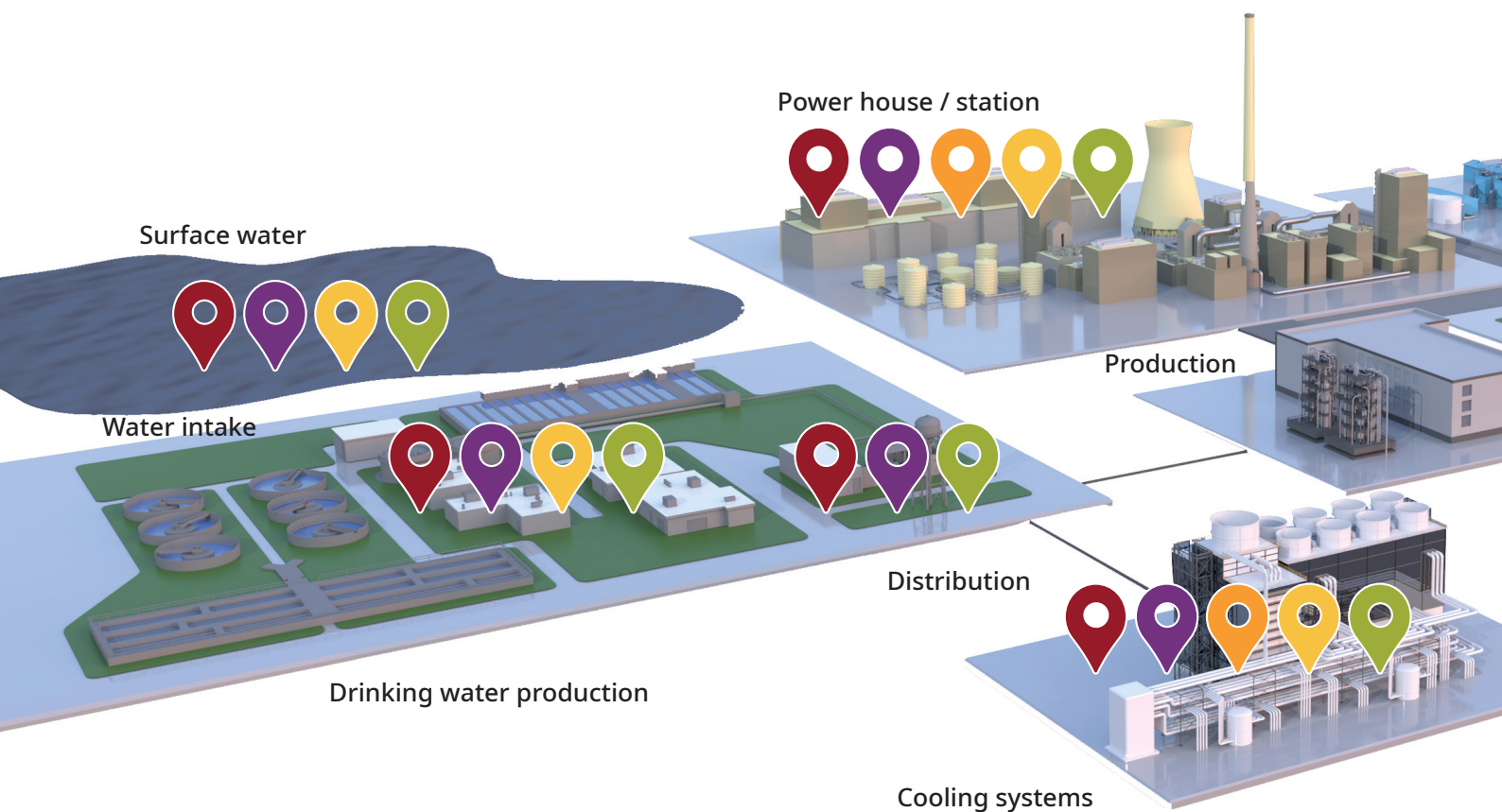
The EZ sc and EZ Series suite of analysers is the complete solution for the water cycle, measuring innovative parameters such as Hardness, Iron, Manganese, Alkalinity, Trace metals, along with organics, inorganics, and nutrients. Whether for drinking water, wastewater, or industrial applications, you can optimize a wide range of treatment processes with the EZ Series. Monitoring Solutions for Industrial and Municipal Applications.

Flexibility

EZ sc and EZ Series analysers 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 analyser via the grab-sample port

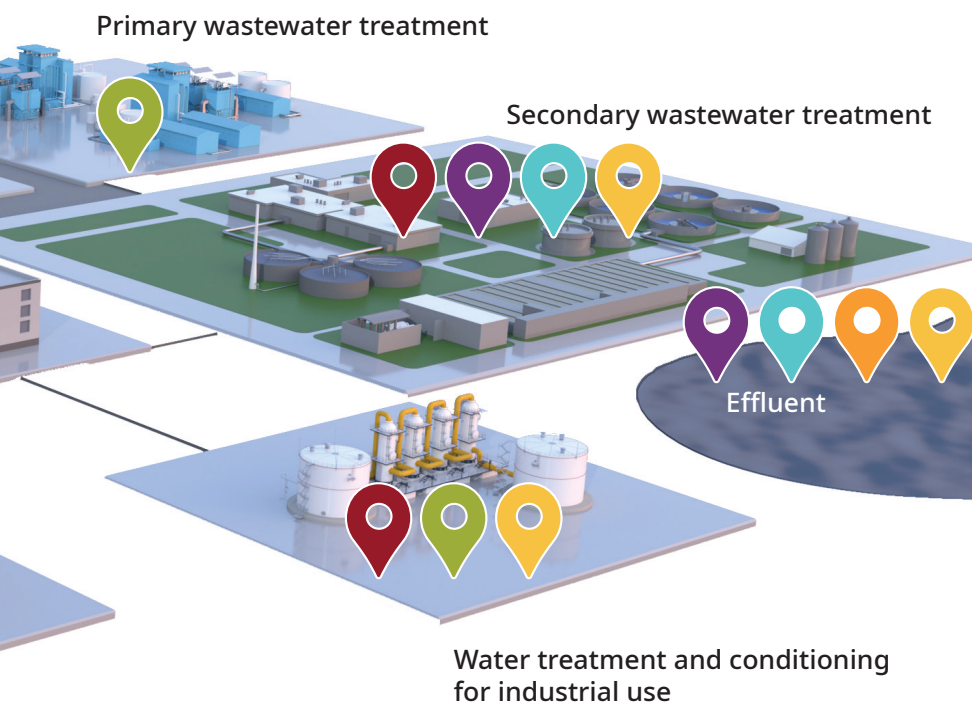
Faster Decisions

With EZ sc and 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.



Expand Your Capabilities

Reliable monitoring of remote locations or unmanned plants allows staff to focus on other tasks. All EZ sc and EZ Series analysers 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

Phenol

Volatile Fatty Acids (VFA)

Inorganics

Chloride

Cyanide

Fluoride

Hydrogen Peroxide H_2O_2

Silica

Sulfate

Sulfide

Metals

Aluminium

Arsenic

Boron

Chromium

Copper

Iron

Manganese

Nickel

Zinc

Special Parameters

Adenosine Triphosphate (ATP) / Microbial Activity

Toxicity

Colour

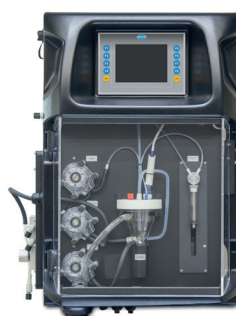
Your Complete Online Analyser Solution



EZ sc Colorimetric Analyser



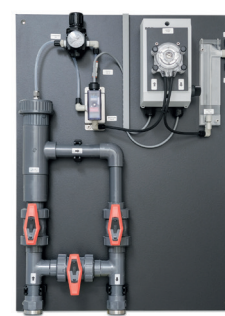
ISE Analyser



Titrator



Chemiluminescence Analyser



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 sc and EZ Series analysers 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

To meet the requirements of the individual application, EZ sc and EZ Series analysers 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.

Applications You Can Trust

EZ sc and EZ Series parameters cover the complete water cycle from water intake to wastewater effluent. Some examples:

- Aluminium in drinking water
- Iron and Manganese in raw water
- 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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