



DATA CENTER OPERATIONS

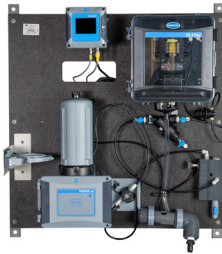
Complete Water Analysis Solutions

Hach® provides reliable, easy-to-use solutions that help professionals analyze water more efficiently and effectively. In data centers, Hach's real-time water quality monitoring and analytical instruments—available in both on-line and portable configurations—can be applied across the full range of water processes. From incoming supply and cooling systems to blowdown and on-site reuse treatment trains, Hach's solutions help operators optimize treatment performance, minimize water losses, and detect early signs of fouling or contamination.

Source Water + Pretreatment

Each water source and application requires different treatment standards and methods, the effectiveness of which must be verified by real-time and benchtop analytical solutions.

Parameters commonly monitored include alkalinity, turbidity, chlorine, hardness, pH and conductivity.



Chlorine + Turbidity Panel (DPMP-CLTU)



Ultra Low Range Chlorine Panel (SPMP-ULRCL)



Total Hardness, Alkalinity Analyzers



pH / ORP / conductivity sensors and controllers

Cooling Water + Circulating Fluids

Portable, fast and reliable field validation of cooling water and circulating fluid quality is critical for optimal tower operation and heat removal processes.

Parameters commonly monitored include pH, ORP, conductivity (tower automation), oxidants (Legionella control), iron and turbidity (presence of iron-oxidizing bacteria).



SL1000 Portable Analyzer with multi-sample cup, pH and conductivity probes



Alkalinity, dissolved iron and free chlorine Chemkey® reagents for SL1000



2100Q Portable Turbidimeter



DR900 Portable Colorimeter

Water Discharge + Reuse

Waste streams are shaped by cooling system type, source water composition and chemical program. Monitoring efficacy of advanced treatment can mitigate biofouling and scaling when blending recycled water into make-up water.

Parameters commonly monitored include suspended solids, conductivity, pH, hardness, phosphate and chlorine.



Suspended solids, pH and conductivity sensors



Total chlorine, hardness and orthophosphate Chemkey® reagents for SL1000



Chlorine Panel (SPMP-CL)



World Headquarters: Loveland, Colorado USA | hach.com

United States 800-227-4224 fax: 970-669-2932 email: orders@hach.com
Outside United States 970-669-3050 fax: 970-461-3939 email: intl@hach.com

©Hach Company, 2026. All rights reserved.

In the interest of improving and updating its equipment, Hach Company reserves the right to alter specifications to equipment at any time.

DOC060.53.10280.Feb26