



COMPLETE WATER ANALYSIS SOLUTIONS:

Pharmaceutical Industry and Life Sciences



Be Right™

Your Partner for Water Analysis in the Pharmaceutical Industry

From process monitoring to quality control to wastewater, Hach® has the right tool for your challenging or routine applications. The comprehensive selection of Hach chemistries, spectrophotometers, electrochemistry meters and probes, and benchtop analysers provides the broadest range of analyses in the industry.

Lab Instruments and Buffer & Standard Solutions



NEW! QBD1200+ TOC Analyser

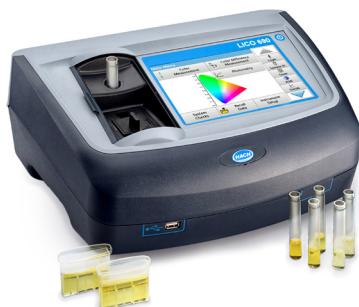
Revolutionary TOC analyser for a wide range of measurements

Hach QBD1200+ is a laboratory TOC analyser that supports a wide range of TOC measurements from ultrapure and pharmaceutical water to cleaning validation. Hach QBD1200+ addresses common issues faced by testers in TOC measurement. It eliminates the need for extensive preparation before testing, reduces measurement time, and minimises the costs associated with reagents. The device ensures stable and accurate TOC values, eliminating dispersion and providing reliable measurement results. Additionally, calibration processes are made easier and less risky, further enhancing the efficiency and effectiveness of TOC testing.



TL23 Turbidimeter

Turbidity measurement has never been easier. The TL23 Turbidimeter is the standard for turbidity measurement around the world. With tungsten or LED light sources and proven optics, no other instruments deliver more reliable, accurate, and stable measurements. 11ml vial is an application tailored to pharmaceutical customers' low sample volume request. We also offer IQ/OQ and full service for maintenance.



LICO 690 Spectral Colorimeter

Hach has been offering instrumental colour measurements of liquids to European Pharmacopeia for over 25 years. Our LICO 690 meets all requirements in relation to data integrity in the GxP environment. From January 2021, in addition to the visual colour matching method for liquids, new instrumental method has been implemented in chapter 2.2.2 which is tailored towards LICO 690. Sample volume starting at 0,8ml, no other supplier can offer smaller volumes. Well equipped with IQ/OQ documentation, certified standards for system controlling, disposable vials, LICO 690 is the easiest instrument you have to perform colour measurement.



DR6000 UV VIS Spectrophotometer

The DR6000 is the industry's most advanced lab spectrophotometer. It offers high-speed wavelength scanning across the UV and Visible Spectrum and comes with over 250 pre-programmed methods including the most common testing methods used today. With optional accessories allowing for high-volume testing via a carousel sample changer, and increased accuracy with a sample delivery system that eliminates optical difference errors, this instrument ensures you are ready to handle your wide-ranging water testing needs.



DR3900 Benchtop Spectrophotometer

The DR3900 is a benchtop visible spectrum (320 - 1100 nm), split beam spectrophotometer with over 220 pre-programmed methods optimised for laboratory water analysis. Optimised for safe processes and accurate results, the DR3900 is designed to deliver accurate results quickly with Hach's innovative TNTplus and LCK reagents for fast preparation and easy execution. In fact, it automatically recognises our Hach reagents, so there is no need to enter method numbers.

Titralab AT1000

Straight from the box the AT1000 eliminates operator interpretation and manual processes you have come to expect with existing manual titration. The automatic system gives you more reliable results without complicated analysis. To make setup and titration simple, the AT1000 utilises application specific kits to make it quick and easy for anyone to set up and operate a test.



SL1000 Portable Parallel Analyser

Perform multiple tests faster

The Hach SL1000 Portable Parallel Analyser (PPA) performs the same tests with less than half the manual steps. Get highly accurate results, with less opportunity for errors, in a fraction of the time. Up to six parameters, tested in parallel. The SL1000 is a portable colorimeter that provides 75% faster testing in chloramination applications by using Chemkey reagents instead of powder pillows. All chemicals and processes are entirely contained inside the Chemkey.



DR1300 FL Portable Fluorometer

Ultra-Low Range Chlorine and Sulfite Detection

The DR1300 FL portable fluorometer instrument, combined with specially formulated reagents create a fluorescence that indicates chlorine at ultra-low ranges. DR1300 FL offers the simplest way to be confident that chlorine has been removed or reduced from your process. This groundbreaking technology is available only from Hach.



HQ Series Portable and Benchtop Meters

The NEW HQ Series portable meter provides a true, robust and intuitive designed meter for water professionals who want to perform electrochemical analysis in the field or the lab.

HQD benchtop multi meters are also available for professionals who require a dedicated lab meter only for any application. Hach's Intellical probes will function with both of these meter platforms and they are offered in a variety of laboratory and field configurations to meet the most demanding applications to accurately measure the following parameters: pH, Dissolved Oxygen (DO), Conductivity (EC), Total Dissolved Solids (TDS), Ammonia, Ammonium, Fluoride, Nitrate, Sodium, and Redox (ORP).



Certified Buffer & Standard Solutions

Certified standards with full and internationally recognised traceability

Hach's pH buffer standard solution, IUPAC, with certificate of conformity and traceability; Indication of the exact pH buffer value with associated extended uncertainty ($k = 2$). Traceable to the IUPAC/NIST pH scale. Guaranteed durability thanks to premium aluminium packaging. Colourless pH buffer solution. Full pH coverage from 1.679-12.45 ($k=2$) at 25 °C.

Highlights:

- Approved calibration laboratory
- Fully traceable standards
- Absolutely reliable packaging
- GLP (Good Laboratory Practice) from the beginning and every day
- Ensured traceability



Continuously-Monitoring Instruments

BioTector B3500ul Online TOC Analyser

Highest accuracy for detecting low levels of TOC

The Hach BioTector B3500ul provides reliable and accurate TOC analysis at ppb levels for ultrapure water applications.

Changes in water quality for ultra pure applications are disruptive to plant operations. Accurate, on-line analysis is important to protect critical equipment that depends on ultra pure water resources.

Reliability and effective oxidation of large samples ensures that manufacturers can trust the results reported by the BioTector B3500ul analyser. The unique two stage advanced oxidation technology behind the BioTector thoroughly, and reliably oxidises samples for valuable real-time water analysis.



Orbisphere Dissolved Gas Sensors

Hach's Ozone sensor provides a real zero & a traceable calibration certificate and guarantees the capability of measurement below 1 ppb. Together with our 410/510 controllers, you will have a complete solution for Ozone measurement in your continuous ozonation system.

The Orbisphere C1100 has the lowest drift and requests less than 2 instances of maintenance/calibration per year. The instrument provides drift-free and accurate measurements due to true zero reading. The unique platinum guard ring technology prevents false signals arising from the electrolyte.

The Hach Orbisphere K1100 sensor is a high accuracy Luminescent Dissolved Oxygen (LDO) sensor that has been optimised for measurements in water processes. One zero point calibration per year, no membranes and no electrolyte solution to replace, the K1100 is a worry-free solution.



Ultra Low Range CL17sc Colorimetric Chlorine Analyser

Total chlorine confidence. From the global leader in chlorine analysis

Meet your unique water cycle needs with the new Ultra Low Range CL17sc online total chlorine analyser from Hach. Whether treating utility water, product water, or wastewater discharge, you'll have the direct chlorine measurements you need to optimise your process. You'll be able to protect valuable assets and report to regulatory agencies with confidence.

- Monitor and Optimise your Dechlorination process
- Depend on direct measurements
- Protect your assets
- Connect with Claros



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SCAN ME