Complete Water Analysis Solutions for the FOOD INDUSTRY

Optimise Your Treatment Process
Maintain Compliance
Save Time and Costs
Recover Lost Product

HACH®
Be Right™
The Water Analysis Experts for Food Processing

With more than 60 years as the leading expert in water quality analysis, you can trust Hach®’s knowledgeable and responsive support team to address your unique water quality needs for the food processing business.

Hach provides laboratory, online, portable, and service solutions for routine and challenging food applications. Hach has the most comprehensive coverage of influent and process water quality, product loss monitoring, and wastewater treatment parameters to support food processing plants.

Featured Water Analysis Solutions

**Total Organic Carbon (TOC)**

**Biotector B7000**
Designed for applications with high levels of salts, fats, oils, and greases, the Biotector B7000 features wider tubing to prevent clogs and patented self-cleaning technology to reduce instrument downtime.

The B7000 can be used in the wastewater treatment plant to monitor TOC, TIC, COD, BOD and TIP or on the production line to identify areas of product loss.

**Biotector B3500c**
Provides maximum reliability and uptime, without sacrificing accuracy. Built for condensate and clean water applications, the B3500c has the lowest cost of ownership available.

**Flow and Sampling**

**AS950 Sampler**
Collect and store unbiased representative water samples for lab analysis.

**Titration**

**Titrator AT1000 and KF1000 Series Titrators**
Available in food specific configurations, the AT1000 simplifies titration with pre-set methods and one-touch automatic operation.
**Laboratory Electrochemistry**

**HQD Meters & Intellical Probes**
Range of probes for routine and challenging food applications, including measuring levels in solid and semi-solid substances.

**Photometry**

**DR Spectrophotometers**
Available for benchtop and portable use, Hach’s spectrophotometers are pre-programmed with food specific methods and designed for superior accuracy and reliability.

**Chemistry and Microbiology**

**Hach Cuvette Tests**
Hach cuvette tests are simple, fast and safe to use. Available for 50 parameters and more than 90 measurement ranges.

**Microbiology**
Detect the presence of bacteria and microbes before they become a larger problem.

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**Online Electrochemistry**

**Dissolved Oxygen, pH, Conductivity and ORP Sensors**
From monitoring pH of incoming process water to dissolved oxygen in the treatment plant, Hach’s sensors and controllers will help optimise performance with online electrochemistry.

**Chlorine**

**CL17 Analyser**
Ensure influent process water meets your expectations by continually monitor your water for chlorine.

**SERVICE SOLUTIONS**
Hach Service can help with your maintenance and support challenges whether it is a lack of resources, an instrument that is down, bringing your plant back online, or the need for a predictable budget.

**COMPREHENSIVE WATER ANALYSIS SOLUTIONS**
Whatever your water analysis challenge, Hach has the most complete solution – including easy-to-maintain online instrumentation, accurate laboratory equipment, comprehensive test kits, and high quality prepared reagents measuring the broadest range of test parameters in the industry. Hach’s solution-based approach saves you time on design, installation, training, maintenance, and operation.
Your Partner on the Path to Optimisation.

Key Measurement Parameters

- **Chem** Chemistry
- **Cl** Chlorine
- **Cond** Conductivity
- **DO** Dissolved Oxygen
- **Hard** Hardness
- **Micro** Microbiology
- **Nutr** Nutrients
- **ORP** Oxygen-Reduction Potential
- **pH** pH
- **PO₄** Phosphate
- **RTC** Real Time Controller
- **Samp** Sampling
- **Sludge** Sludge
- **Na** Sodium
- **SS** Suspended Solids
- **Titr** Titration
- **TOC** Total Organic Carbon
- **Turb** Turbidity

1. Delivery of Stock
2. Production
3. Finished Goods
4. Water Conditioning and Pretreatment
5. Power Generation and Cooling
6. Neutralisation
7. Wastewater Treatment