Complete Water Analysis Solutions for the

FOOD INDUSTRY









Optimise Your Treatment Process

Maintain Compliance

Save Time and Costs

Recover Lost Product

HACH®

Be Right™

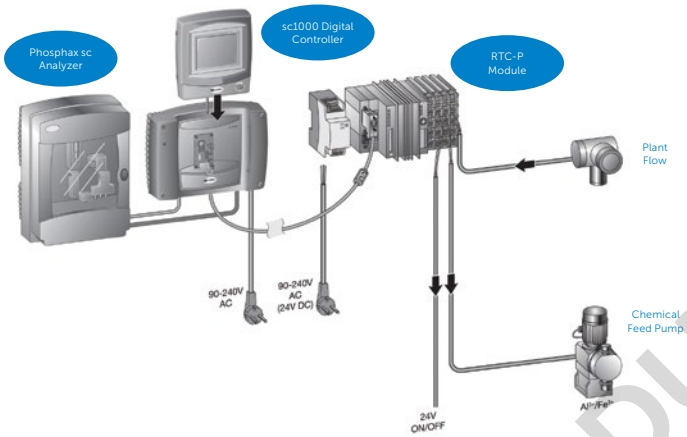
The Water Analysis Experts for Food Processing

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.

Influent Water | Boiler/Cooling | Product Loss | Quality Control | Wastewater Optimisation

Featured Water Analysis Solutions



Real-Time Control Solutions

RTC-ST
Automate polymer dosing in your DAF to achieve greater consistency and control. Hach's RTC-ST doses polymer based on solids concentration and flow rate for optimal solids treatment.

RTC-P, RTC- N/NDN
Optimise nutrient removal with Hach's Real-Time Controllers for Phosphorus and Nitrification control. RTC allows you to treat your water based on real-time measurements, so you can feel confident your effluent meets permitted levels and you are not wasting resources on overtreatment.

Predictive Diagnostic System

Prognosys
Know with confidence whether changes in your measurements are due to changes in your instrument or your process.

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



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

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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.

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.



Laboratory Electrochemistry

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



Turbidity



TL2300 Turbidimeter
The TL23 Series laboratory turbidimeters blend trusted technology and improved features to simplify testing in the most demanding wastewater and industrial applications.

Turbidity and Total Suspended Solids



Solitax & TSS sc Sensors
Reduce the potential of putting excessive solids into wastewater stream by measuring turbidity and TSS. These are most commonly used in discharge reporting.

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

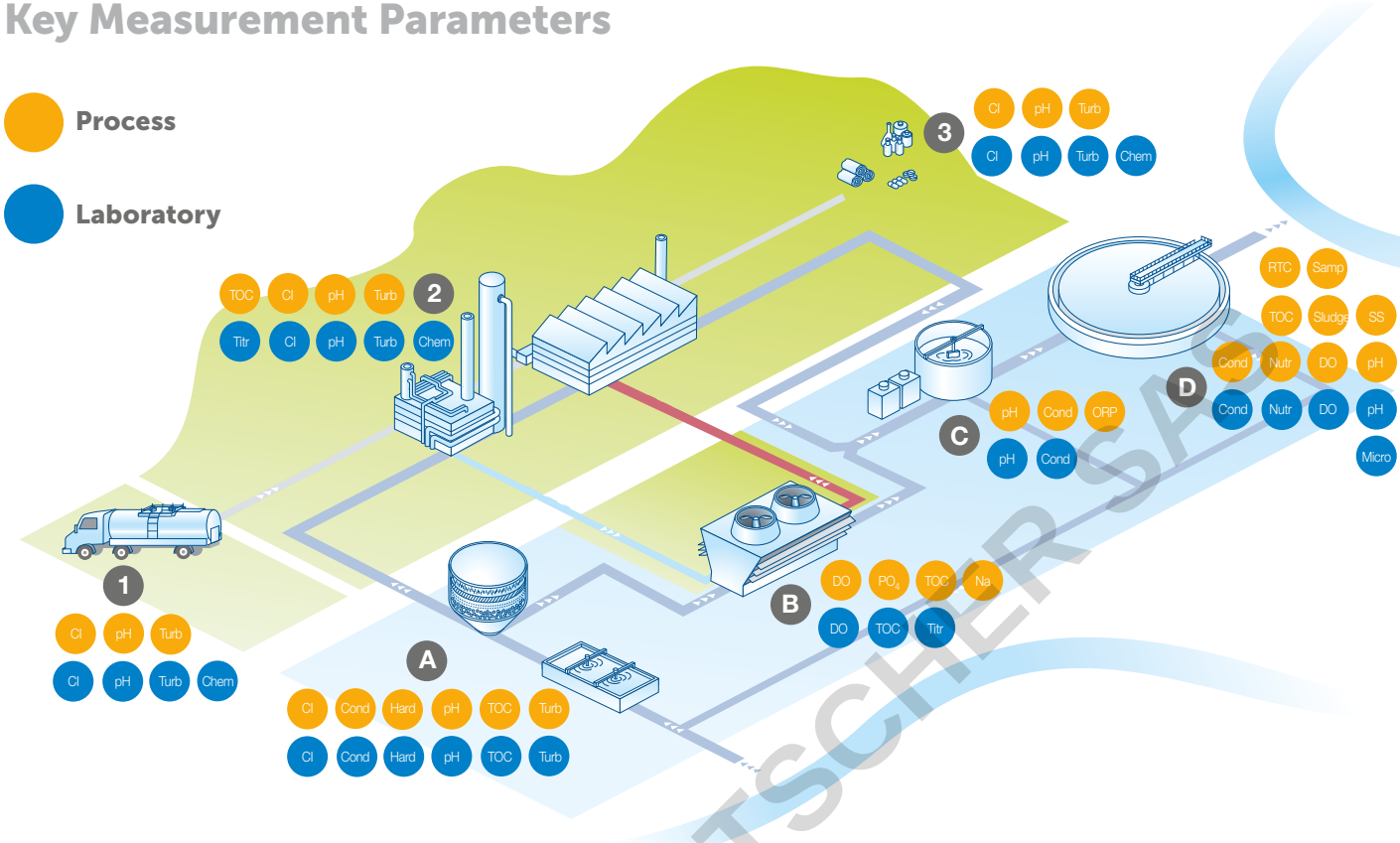


CL17 Analyser
Ensure influent process water meets your expectations by continually monitor your water for chlorine.

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Your Partner on the Path to Optimisation.

Key Measurement Parameters



1 Delivery of Stock

2 Production

3 Finished Goods

A Water Conditioning and Pretreatment

B Power Generation and Cooling

C Neutralisation

D Wastewater Treament

Chem	Chemistry	**ORP**	Oxygen-Reduction Potential	**SS**	Suspended Solids
Cl	Chlorine	**pH**	pH	**Titr**	Titration
Cond	Conductivity	**PO_4**	Phosphate	**TOC**	Total Organic Carbon
DO	Dissolved Oxygen	**RTC**	Real Time Controller	**Turb**	Turbidity
Hard	Hardness	**Samp**	Sampling		
Micro	Microbiology	**Sludge**	Sludge		
Nutr	Nutrients	**Na**	Sodium		

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