

KNOW YOUR WATER

MICROBIAL MONITORING



Cooling water



Cosmetics



Paper industry



Paints



Lubricants

ON-SITE, REAL-TIME & FULLY AUTOMATED

MICROBIAL LEVELS IN YOUR LIQUIDS ARE CRUCIAL.

WE GIVE YOU ALL THE NUMBERS – AROUND THE CLOCK, FULLY AUTOMATED.



MONITOR YOUR WATER THE SMART WAY

Manual monitoring the traditional way



✗ Manual sampling

Collecting samples is slow, costs human resources, and is only available during working hours.

✗ Laboratory processing

Sample handling requires expert personnel and laboratory infrastructure or external services.

✗ Delayed results

Incubation methods take 1 to 10 days until results can be reported and action taken.

✗ Shaky information

Less than 1 % of microbes can be cultivated at all and infrequent sampling lacks representativeness.



Online monitoring the onCyt way



✓ Online sampling

Samples are drawn 24/7 directly from multiple points in the production stream or a bypass.

✓ Automated processing

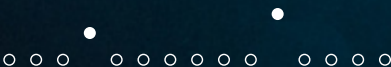
Samples are pre-processed and measured without a single manual step.

✓ Realtime results

Results are available within 15 minutes and corrective action is possible immediately if needed.

✓ High-resolution data

Measurements quantify every single microbe, assess viability and activity and are available continuously.



know something – sometimes



know everything – always



PAINTS



LUBRICANTS

DETECT AND AVOID

Biofilm formation
End-product faults
Biocide overdosing
Adverse health effects
Environmental pollution



COSMETICS

6 GOOD REASONS FOR ONLINE MONITORING



Risk management

Early-warning and constant surveillance enable modern HACCP approaches and compliance with regulatory requirements.



Efficient production

Based on early warning and direct feedback, both overdosing and underdosing of disinfection are avoided and corrective action can be taken immediately.



Cost savings

Save money with more targeted disinfection, less laboratory testing, fewer wasted production batches, minimized downtime, and increased infrastructure lifetime.



Product quality

Get the data to confidently achieve compliance with regulatory requirements and increase reputation and customer satisfaction.



Environmental impact

Less biocides and discarded products mean lower pollution of water and carbon footprint. Adequate disinfection means reduced health risks for employees and the public.



Ease of use

Gain more meaningful data on all microorganisms, with less effort and no need for expert personnel and laboratory infrastructure.

We propose a complete package of services to make online microbial quantification a success for your company.

OUR OFFERINGS

MONITORING SYSTEM

Fully automated sampling and measurement device.

Software turning complex measurements into actionable information.

HANDS-ON SUPPORT

Kick-start of your application with training and installation support.

Measurement campaigns for specific questions or as first step towards modern monitoring.

EXPERT CONSULTANCY

Translating new insights into direct customer value, based on industry-leading know-how.

BRING YOUR MICROBIAL PROCESS ANALYTICS TO THE NEXT LEVEL

Our team will be happy to answer all your questions and propose a solution matching your needs.

