

TURBID WATER CLEAR RESULTS

BY
SPEC-IMAGING

SPECTROPHOTOMETRY FOR COMPLEX
TURBID LIQUID ANALYSIS -
NO FILTRATION REQUIRED.



Spec-Imaging

SPEC-IMAGING CHANGES THE GAME



Direct Measurements:

No filtration, no hassle



Instant Results:

Single-shot data acquisition



Hassle-Free Calibration:

Reference-free operation



Broad Detection Range:

Accurate across concentrations



Seamless Integration:

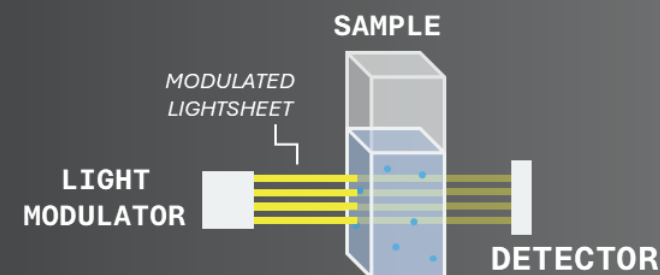
Inline-ready for real-time
monitoring

MEASURE...

CU PO₄-P d_p
Pb NO₃-N Cl₂ Phenols
COD OD NH₄-N TOC T
EBC NO₂-N ABS Pt-Co
and many more....

...WITHOUT FILTRATION!

HOW?



By using a modulated lightsheet!

The modulated light
provides information
about the turbidity - so we
can compensate for it!

BASED ON 10+ YEARS
OF RESEARCH AT
LUND UNIVERSITY

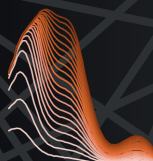


PRODUCT LINES

Process - inline

UV-VIS

Full spectrum analysis for chemical concentration and complete color profiling.



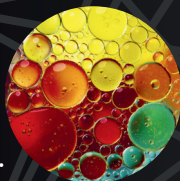
Color

Broad-range color analysis with high resistance to fouling.



Particles

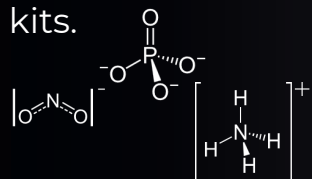
Real-time particle and emulsion size and concentration monitoring.



Handheld

IC-VIS colorimeter

For fast process water quality analysis using reagent kits.



APPLICATION AREAS

Water & Wastewater

Nitrate, COD, turbidity.

Food & Beverage

Color consistency, turbidity and emulsion stability.

Chemicals & Polymers

Concentration and reaction monitoring, particle sizing.

Biotech & Pharma

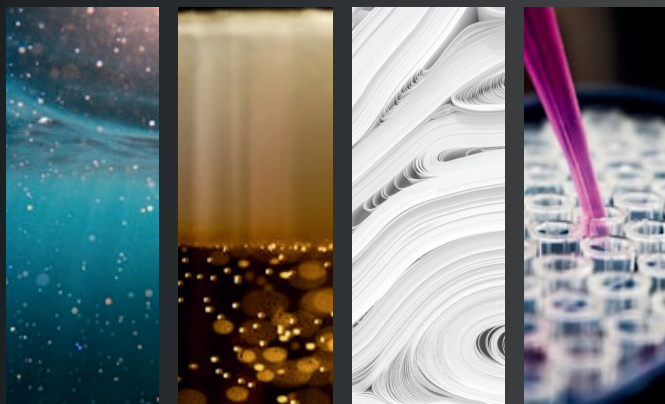
Process and quality control.

Paper & Pulp

Color, particle sizes and chemistry.

Agriculture & Surveying

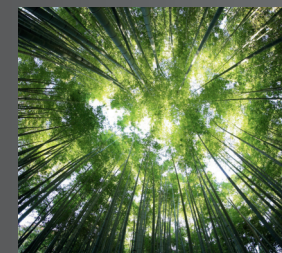
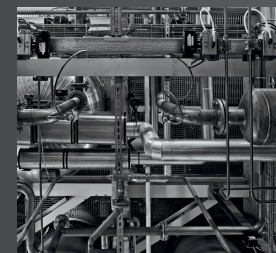
Water and soil content analysis.



OUR MISSION

We create solutions that help industries improve resource efficiency and minimize waste.

- ✓ Saving energy
- ✓ Conserving resources
- ✓ Reducing waste



GET IN TOUCH

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