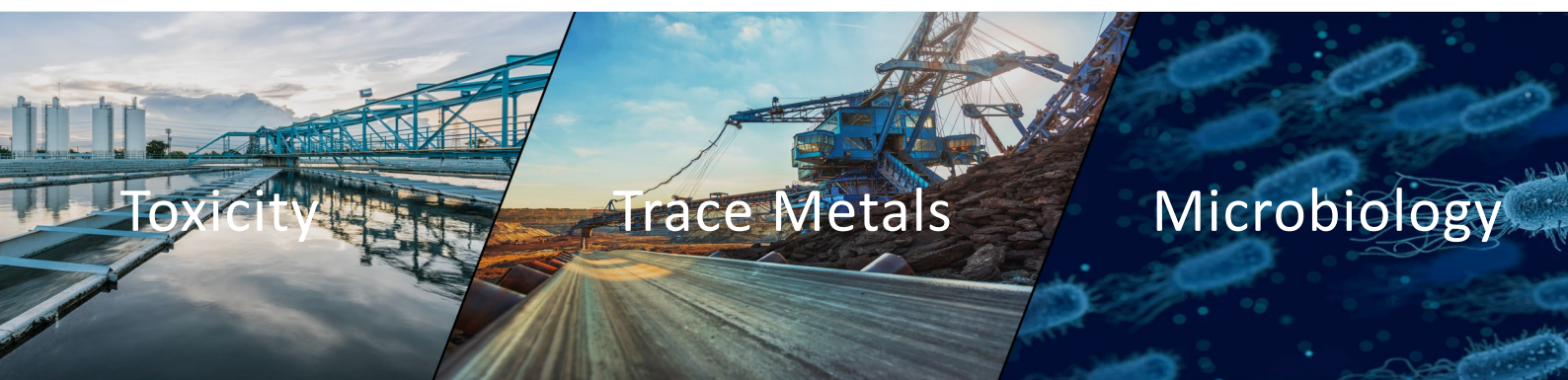




MODERNWATER



World-leading Monitoring Technologies

Modern Water Technology (Shanghai) CO., LTD
Rm.1702 Xinyin Building
No.888 Yishan Rd.
Shanghai
+86 (0) 21-62306747
info@modernwater.com.cn
www.modernwater.cn



Toxicity

microtox®

Recognized as the gold standard for toxicity testing

Our Microtox® range of toxicity testing technologies is both industry-leading and ground-breaking. Our systems use bioluminescent bacteria to perform biosensor testing that detects the presence of toxic substances.

Microtox® LX - Laboratory

- Biological early warning system sensitive to more than 5,000 simple and complex chemicals allows the protection of drinking water supplies from accidental or deliberate contamination.
- Test results highly correlated with other widely accepted toxicity test method helps to ensure compliance with regulatory and effluent permit standards in wastewater applications.
- Fast, Reliable and Reproducible Results – Results Available in as little as 15 minutes after initial sample preparation.
- New automatic color correction feature adjusts test results based on the sample's color and turbidity.



Microtox® FX Plus - Portable

- Fully portable - lightweight with sturdy field carrying case
- Fast - Reliable results available in 5 minutes after initial sample preparation
- Battery life of up to 8 - 10 hours with typical use
- Compatible with widely available ATP test kits

Microtox® CTM

- Real-time and truly continuous monitoring
- 4 week, autonomous operating cycle
- No manual intervention except for monthly maintenance
- User-definable toxicity alarm



Trace Metals

microtrace
Advanced monitoring solutions **metals**

Our trace metal monitoring systems have a worldwide reputation for quality, reliability and ease of use, enabling customers to monitor pollutant levels, optimise their processes, minimise damage to the environment and protect the health of employees and communities at large.

Microtrace PDV - Portable & Laboratory

- Single instrument can be configured to measure up to 24 different metals
- Analyse in the lab or the field down to $0.1 \mu\text{g/L}$ – below drinking water regulations for almost all target metals
- More accurate, sensitive and less susceptible to interference than colorimetric methods
- Excellent Correlation with Laboratory Methods (AAS, ICP-MS) but much lower capital and operating costs.



Microtrace OVA - On-line

- Can be configured to monitor 23 different metals
- Very low detection levels (down to $0.1 \mu\text{g/L}$)
- Single unit can measure up to 10 metals simultaneously
- 24-hour monitoring at high frequency can identify and isolate events that daily average sampling may miss



Microbiology

microchek 

BactoSense™ Online Microbiological Monitoring System

- Cutting-edge flow cytometer adapted for rapid and automated microbiological analysis
- Results in 20 minutes, enabling data-based decision making.
- 24/7 real-time monitoring and insights into your water quality
- Zero maintenance



MICA Advance Legionella

- Automatic enumeration of *L. pneumophila*, all serogroups
- Delivers results after only 48 hours of incubation
- No additional confirmation required



MICA Advance E.coli

- Detects exclusively Escherichia coli
- 6 hours of incubation only
- Up to 500 analyses per 8 hour period



MICA Highlight Total Viable Count

- Results from 24 hours of incubation
- Cultural method with results in CFU
- No consumables required other than membrane and agar

Quickchek™ SRB

- Detection of sulfate reducing bacteria (SRB) via rapid enzyme immunoassay methods
- Detects all viable and non-viable SRB in samples
- Results available in approximately 8-10 minutes

MODERNWATER | QuickChek™

