

Sievers* TOC Analyzer Spectrum

Microelectronics water

UPW loop • UPW make-up • diagnostics • reclaim

Pharmaceutical water

Purified water • water for injection • cleaning validation • diagnostics

Drinking water

EPA/state compliance monitoring • environmental • process optimization • disinfection byproduct control

Process water and wastewater

Process/industrial • environmental • municipal • wastewater

0.05 ppb

5 ppb

500 ppb

5 ppm

50 ppm

500 ppm

5000 ppm

50,000 ppm



M500e Online
0.03 ppb - 2,500 ppb



M500 Online
0.03 ppb - 2,500 ppb



CheckPoint
Pharma: 0.21 ppb - 1,000 ppb
Micro: 0.05 ppb - 1,000 ppb



M9e Online and Portable
0.03 ppb - 50 ppm



M9 Laboratory, Portable, Online
0.03 ppb - 50 ppm



M5310 C Laboratory, Portable, Online
4 ppb - 50 ppm



InnovOx Laboratory and Online
50 ppb - 50,000 ppm



M500e Online

Ultra-accurate analysis of microelectronics DI water <1 ppb.

Applications:

- UPW loop
- UPW make-up
- Detection of fabrication chemicals



M500 Online

Designed for pharmaceutical applications, featuring the innovative Super iOS for automating system protocols. Offers simultaneous measurement of TOC and conductivity in real time.

Applications:

- Purified water
- Water for injection



CheckPoint

A TOC sensor based on direct conductivity which is highly flexible; can be used for continuous online monitoring, grab sampling, or hand-carried to any point within a water system.

Applications:

- UPW loop
- UPW make-up
- Diagnostics
- Reclaim
- Purified water
- Water for injection
- Diagnostics



M9e Online and Portable

Accommodates the most challenging water systems to provide unsurpassed instrument-to-instrument matching in low TOC UPW applications.

Applications:

- UPW loop
- UPW make-up
- Diagnostics
- Accurate detection of fab chemicals
- Reclaim monitoring (turbo mode)



M9 Laboratory, Portable, Online

Fast, superior analytical performance and simultaneous measurement of TOC and conductivity. Can be used with autosampler.

Applications:

- Purified water
- Water for injection
- Cleaning validation
- Diagnostics



M5310 C Laboratory, Portable, Online

Easy to use, compliant, and available in lab, portable, and online (single or dual stream) configurations. Can be used with an autosampler.

Applications:

- EPA/state compliance monitoring
- Disinfection byproduct control
- Reuse/reclaim
- IX, GAC, UF, RO system optimization
- Source water
- Boiler feed, condensate return, and cooling
- Ingredient water monitoring



InnovOx Laboratory and Online

Unprecedented uptime, easy maintenance, and robust sample handling for high temperatures and wastewater. Lab model can be used with the autosampler.

Applications:

- Reuse/reclaim
- Biological treatment
- Industrial wastewater
- Process control/optimization
- Brine/salt water
- Leak detection
- Boiler feed, condensate return, and cooling
- TOC/COD/BOD correlation for compliance

Water types:



Microelectronics water



Pharmaceutical water



Drinking water



Process water and wastewater



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