X/Y Sampling Method - QuickTOC$_{ultra}$ QuickCOD$_{ultra}$ QuickTON$_{ultra}$

ULTRA (X / Y SAMPLING)

TOD

TNb

TOC

Non-fouling TOC in low-to-high range, water and wastewater, such as:
* Boiler Condensate where corrosion exists
* Industrial Water and Wastewater
* Municipal Water and Wastewater

- 20K to 250K
- 5 to 30K
- 1K to 15K
- 500 to 8,000
- 100 to 2,000
- 10 to 150
- 100 - 1,000 ppm — *500 ppm EC Cell*
- 10 to 200 ppm — *100 ppm EC Cell*
- 0.1 - 50 ppm — *20 ppm EC Cell*
- 500 to 50,000 ppm — *3% card*
- 100 to 15,000 ppm — *1% card*
- 5 to 2,000 ppm — *2000 ppm CO2 card*
- 2 to 400 ppm TOC — *500 ppm CO2 card*
- 0.1 to 100 ppm — *150 ppm CO2 card*

Closed Loop Sampling Method - QuickTOC$_{purity\ /\ condensate\ /\ effluent}$

PURITY CLOSED LOOP SAMPLING

TNb

TOC

- 1 to 200 ppm TNb — *100 ppm EC Cell*
- 0.1 - 10 ppm TNb — *20 ppm EC Cell*
- 5 to 1,000 ppm TOC — *2000 ppm CO2 card*
- 2 to 200 ppm TOC — *500 ppm CO2 card*
- 0.5 to 50 ppm TOC — *150 ppm CO2 card*
- 0.1 to 20 ppm TOC — *50 ppm CO2 card*
- 10 to 2000 ppb — *50 ppm CO2 card*

Lower Maintenance TOC in low-range, particle-free water, such as:
* Boiler Condensate
* Boiler Feed
* Drinking Water

Continuous Sampling - QuickTOC$_{uv}$ (Results display after ~10 minute residence time)

UV PERSULFATE

TOC

- 100 to 1000 ppm
- 50 to 500 ppm
- 10 to 100 ppm
- 1 to 50 ppm
- 0.5 to 10 ppm
- 0.1 to 1 ppm

UV-Persulfate TOC Analysis for clean water, such as:
* Boiler Feed Water
* Boiler Condensate Return
* Drinking Water

Continuous Sampling - QuickTOC$_{trace}$

DIFFERENTIAL CONDUCTIVITY

- 0.1 to 1,000 ppb

Differential Conductivity before and following UV Oxidation

Low-range TOC for high-purity and purified water, such as:
* Semiconductor Manufacturing
* Pharmaceuticals Manufacturing
* Electric Power Generation

TOC

0.1 ppb (0.0001 ppm) | 1 ppb (0.001 ppm) | 10 ppb (0.01 ppm) | 100 ppb (0.1 ppm) | 1 ppm | 10 ppm | 100 ppm | 1000 ppm | 10,000 ppm | 100,000 ppm | 300,000 ppm