Sievers* Industrial & Environmental Organics Monitoring TOC Solutions



TAL ORGANIC CARBON (TOC) PRODUCT LINE









Complex

ORGANIC

TECHNOLOGY

FOC RANGE

Pure

UV oxidation

MC[†] detection

0.03 ppb - 2.5 ppm

ruie

UV persulfate oxidation

MC[†] detection 0.03 ppb – 50 ppm UV persulfate oxidation MC[†] detection

4 ppb – 50 ppm

High temperature non-catalytic combustion oxidation

NDIR† detection for TOC/N

POC† ECD† detection for TNb†

PID† detection for VOC/POC†

<1 ppm - 50,000 ppm

Supercritical water oxidation

NDIR† detection

0.05 ppm – 50,000 ppm

APPLICATION

Ultrapure point of use and system monitoring

Primary feedwater treatment, reverse osmosis, mixed bed Reclaim monitoring Drinking water, reuse

Clean utility water – boiler feedwater and condensate return

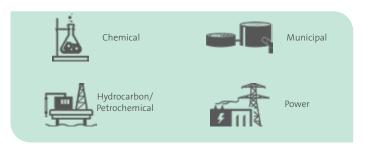
Utility water – polluted condensate and cooling water Wastewater – industrial and municipal influent, runoff and discharge

Process water

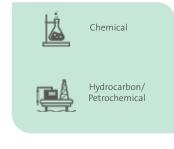
Brine and salty samples
Desalination
Specialty chemicals
Complex wastewater

INDUSTRY









SALT