

Safe ultrapure water for pure products

CA79 low-range TOC analyzer provides precise and reliable online monitoring



Close monitoring of your ultrapure water

The total organic carbon (TOC) content is an important quality parameter in the production and use of ultrapure water. If the TOC content is too high, the performance of water purification systems can be impaired or pharmaceutical batches can even be contaminated. The CA79 online TOC analyzer provides continuous, accurate TOC monitoring of your water for injection (WFI). Your product batches can be produced safely and in compliance with regulations.

Real-time overview of water quality

The CA79 low-range TOC analyzer measures, continuously providing a fast response time (t90) of 50 seconds. This enables you to react immediately if the quality of your ultrapure water should decrease. You can protect your product effectively and reduce production costs.

Pharma compliance

The analyzer meets the requirements of the European and US Pharmacopeias and allows working according to FDA 21 CFR Part 11.

- Depending on the analyzer's configuration, you can start calibration and system suitability tests (SSTs) including data evaluation by the push of a button. Regular SSTs ensure TOC checks according to the requirements of the pharmacopeias.
- Thanks to its compact, stainless steel housing, the CA79 can be easily integrated into all ultrapure water installations.

High reliability and comparability

The online analyzer uses proven UV oxidation and differential conductivity measurement which has become the most-established method for TOC trace analysis in ultrapure water.

Efficient maintenance

- The analyzer's modular design and good accessibility of components allow for easy maintenance and low operating costs.
- Endress+Hauser's global service network offers you complete support for the measuring point, including the installation qualification (IQ) and regular operational qualifications (OQ).
- Our managed services enable risk-based maintenance strategies for targeted intervention and maximal availability.



CA79: Easily accessible components

Liquid analysis in Life Sciences - Everything out of one hand

When you are looking for high-quality equipment in the life sciences industry, we can provide you with 100 % matching devices. In the area of liquid analysis, the CA79 low-range TOC analyzer complements our photometers and the Memosens sensors for critical parameters

- Memosens CPS61E pH sensor
- Memosens COS81E dissolved oxygen sensor
- Memosens CLS16E contacting conductivity sensor
- Memosens CLS82E four-electrode conductivity sensor.

These sensors deliver extremely accurate and stable measured values and comply with the latest hygienic and regulatory requirements. All sensors enable extended storage of process, calibration and sensor data and offer an even more precise process control and documentation which is particularly relevant in a strictly regulated industry.

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