

Precise Analysis of Organic Compounds



Shimadzu Scientific Instruments now offers its TOC-L Series analyzers for total organic carbon testing in aqueous samples. These analyzers further grant:

- A wide sample range from 4 µg/L to 30,000 mg/L.
- The flexibility to analyze ultra-pure to highly contaminated samples of wastewater, brine water, seawater, drinking water and pharmaceutical water.
- Your choice from 4 models, including PC-controlled and stand-alone versions.
- Shimadzu's 680° C combustion catalytic oxidation method to efficiently analyze all organic compounds.
- Automatic sample acidification and sparging, as well as an automatic dilution function that reduces sample salinity, acidity and alkalinity.
- Variable syringe sizes when the sample volume is limited.
- High-precision mass flow controllers to ensure uninterrupted carrier gas for accurate analysis.
- A zero-maintenance Peltier cooler used for maximum water vapor removal.
- An on-board air purifier to eliminate the need for high-purity air during testing.
- Optional salt kits that permit 12 times more salt to be analyzed before maintenance is required.

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Published on Chem.Info (<http://www.chem.info>)

www.ssi.shimadzu.com/products/product.cfm?product=5iqj1d000000y9c5 [1]

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