

## Total Organic Carbon Analyser (TOC)

Brand: Shimadzu, Japan Model:  
TOC-VCPH

**General Usage:** An instrument enables the analysis of total organic carbon, inorganic carbon and total nitrogen of wide range of sample including fresh water, polluted water as well as solid samples. The measurement range can up to 25,000 and 30,000 mg/L for Total Carbon (TC) and Inorganic Carbon (IC) respectively. The detection limit is as low as 4 µg/L.

Besides the main unit, the instrument is equipped with Auto-Sampler ASI-V, Total Nitrogen Unit TNM-1 and Solid Sample Combustion Unit SSM-5000A. As the total nitrogen unit is added, this equipment can also analysis total organic carbon and total nitrogen simultaneously.

**Application:**

Determine total organic carbon, inorganic carbon and total nitrogen in solid samples, fresh and polluted water.



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