

Total Organic Carbon Analyser (TOC)

Brand: Shimadzu, Japan
Model: TOC-L series

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 30,000 and 3,000 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-L, Total Nitrogen Unit TNM-L and Solid Sample Combustion Unit SSM-5000A. As the total nitrogen unit is added, this equipment can also analysis water sample with total organic carbon and total nitrogen simultaneously.

Application: Determination of total organic carbon, inorganic carbon and total nitrogen in solid samples, fresh and polluted water.

