

Total Organic Carbon Water Quality TA - 3.0

TA - 3.0 independent research and development by our company which is to make a tiny adjustment on the basis of TA - 2.0, where the instrument shell adopts 304 stainless steel design, greatly improving the equipment adaptability in different environments. It can meet the choice of two different schemes for the single point of real-time monitoring or multiple point time-division monitoring, not only meeting the requirements of national laws and regulations, but also saving investment, where we have several successful cases.

Operation Principle

Oxidation organism by UV lamp and convert organic stuff into carbon dioxide, which detection adopted by direct conductivity method. The total organic carbon is the difference of the total carbon (TC) concentration in samples tested after oxidation and not oxidation of the sample total inorganic carbon (TIC), namely: $TOC = TC - (TIC)$.

Main feature

- It adopts the modular design, which can carry out data upload and communication with different water systems and control systems, with a real-time display;
- It provides customers with two options, for both the single point real time and multiple point time-division online monitoring;
- It has the waterproof design, which can work in high humidity and temperature environment;

Application

On line monitoring pharmaceutical water (purified water, injection water), electronic industry, food industry, etc.