

Total Organic Carbon AZ-TOC2

Introduction

AZ-TOC2 Total Organic Carbon TOC Analyzer is a high-precision total organic carbon analyzer. The product uses conductivity difference detection technology, with high detection accuracy and short response time. The product complies with national regulations and standards, and can meet the online and offline detection requirements of pharmaceutical water, water for injection, ultrapure water and deionized water.



Application

Online monitoring of water production systems in the pharmaceutical industry, ultrapure water preparation systems and chip process in the semiconductor industry, deionized water preparation processes in power plants, etc.

Features

The instrument adopts a portable design, which is light to use and easy to move to the sampling point.

2. It adopts an embedded system and a touch screen design, which is easy to operate.
3. It is designed for the detection of total organic carbon content in pharmaceutical water (TOC content below 1600ppb).
4. It is equipped with a large amount of storage space and can store a large amount of test data.



5. It has a built-in printing function to output test parameters and test results.
6. No gas or reagent is required during use, storage and replacement, no moving parts, reducing repair and maintenance costs.
7. When the test sample concentration exceeds the specified limit, the instrument can automatically alarm and output a control signal.

Technical Parameters

Measurement range: 0.001mg/L~1.600 mg/L;

Accuracy: $\pm 4\%$

Resolution: 0.001mg/L;

Analysis time: within 4 minutes for a single test;

Sample temperature: 1-70°C;

Repeatability error: $\leq 3\%$;

Power requirements/functions: 220V;

Display: Color touch screen;

Application areas:

Monitoring and laboratory testing of medicinal water (purified water, water for injection), as well as cleaning validation; Electronics industry, food industry, etc.

Size: 35 cm long, 23 cm wide, 33 cm high

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