

Total Organic Carbon Analyzer

This TOC tester is designed for online and offline testing of pharmaceutical grade water, WFI, ultra-pure water, and deionized water. Utilizing conductivity difference technology, it delivers high-precision capacity and short response times, while meeting government regulation standards.



Product Overview

Professional TOC Testing Solution

The TOC-10 is a high-precision Total Organic Carbon analyzer designed for the rigorous demands of pharmaceutical water testing, including purified water and water for injection. Utilizing advanced UV-oxidation and conductivity difference technology, it provides rapid response times and reliable monitoring. This portable, user-friendly instrument is fully compliant with the Chinese Pharmacopoeia (2010 version) and supports both online and offline testing modes.

Key Features

Core Features

- Compliance with Chinese Pharmacopoeia (2010 version)
- Low operating costs with no required gas or chemical reagents
- Portable design suitable for various environments
- Automatic alarm for concentration limit exceedance
- Comprehensive user grade management and electronic signature support
- Online and offline testing modes with optional automatic injector

Technical Specifications

Performance Metrics

0.001 mg/l

Resolution

6 min

Response Time

3 %

Precision

Operating Ranges

Parameter	Range
TOC Range	0.001 - 1.000 mg/l
Conductivity Range	0.055 - 8.000 μ cm
Sample Temperature	1 - 95 °C

Physical and Power Specs

- Dimensions: 410 x 240 x 310 mm
- Weight: 8.5 kg
- Power: AC 220V/50Hz 100W
- Display: Color touchscreen LCD

Compliance and Usage

Typical Applications

- Pharmaceutical water monitoring (WFI, Purified)
- Cleaning validation
- Environmental testing
- Electronic industry
- Food industry

Compliance and Standards

GMP Certificated, Chinese Pharmacopoeia (2010), CE, ISO