



TOC-1500 TOC Analyzer

Application

It is used for testing total organic carbon of purified water, deionized water and injection water. It can be also used for ultra-purified water TOC testing in research centers, semiconductor industry, labs and electric power plant. It is used for verifying cleaning in pharmaceutical and biochemical industry. Also, this TOC analyzer can monitor online water system in pharmaceutical industry, ultra-purified water system in semiconductor industry and deionized water system in electric power plant.

Features

- 1、 TOC has auto sampling and sample volume can be controlled. No contamination will occur during testing which will be no harmful to human being and environment. It adopts UV catalytic oxidation method during which there is no need to add acid, gas or catalyzer.
- 2、 7 inches touch screen with operation panel which is easy to operate.
- 3、 The system is set with password for protection which is in compliance with FDA-21 CFR Part 11 requirements.
- 4、 The system will alarm the warning when the value is beyond maximum setting value to protect the instrument and to avoid any incorrect operation.
- 5、 Online monitoring system is optional which can be connected to do online monitoring.
- 6、 Auto sampler is optional which can be used for testing various different samples without any monitoring.
- 7、 The instrument is in compliance with USP32-643 requirements.
- 8、 Special designed for testing of deionized water which has less than 1.5ppm TOC. Online and offline testing function can be easily switched.
- 9、 TOC is with 8GB mass storage memory which does not restrict date and time.
- 10、 Fast testing speed with each testing less than 3 minutes.
- 11、 Users can easily check history records according to testing date. All history records are clear.
- 12、 Data for specific whole day can be derived and saved to USB directly .
- 13、 Can print with bluetooth printer which is compact and easy to use..
- 14、 TOC is with modular design which ensures convenient assembling, maintenance and fixing

Specification

Model	TOC-1500 (Conductivity)
Measurement Range	0.001-1.500mg/L
Detection limit	1ppb
Max Tolerance	±5%
Analyzer Time	3min
Response Time	in 10min
Sample Temperature	1-95°C
Environment Temperature	10-40°C with temperature change ±5°C/d
Sample flow speed	3ml/min
Relative Humidity	≤85%
Drifting	±5%
Repeatability Tolerance	≤3%
Drifting	±5%
Voltage	220V±22V
Frequency	50Hz±1Hz
Power	100W
Size	440x220x300mm

Standard packing and accessories

	Item	Unit	Quantity
1	TOC	set	1
2	Bluetooth Printer	set	1
3	UV Lamp	pcs	1
4	Peristaltic Pump Hose	set	2
5	User Manual	pcs	1
6	Certificate	pcs	1
7	Power Cord	pcs	1

