

# TOC-1500 Total Organic Carbon

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Unlike TOC-2000 and TOC-3000, TOC-1500 and TOC-1700 are equipped with direct conductometric detection method. TOC-1500 is off-line while TOC-1700 integrated on-line sampling while enables easy and quick sample introduction. This series TOC is ideal for application in microelectronics water, purified water, water for injection, cleaning validation and etc.

## Features

- \* Automatic sample introduction with enter of trace sample, we can control the value of the trace sample. No contamination will during testing which will be harmful to human being and environment.
- \* It adopts UV Catalytic oxidation during which there is no need to add acid, gas or catalytic with low lost of routine maintenance cost.
- \* 7 inches touch screen with operation panel, which is easy to operate and maintain.
- \* The system is set with password for protection which is in compliance with FDA-21 CFR Part11 Requirements. Also, it is in compliance with USP32-643 requirements.
- \* Auto sampler is optional which can be used for testing various different samples without person.
- \* Special designed for testing water less than 1.5 ppm. Online and office testing function can be easily switched.
- \* 8GB mass storage memory which does not restrict date and time.
- \* Less than 3 minutes for each analysis.
- \* Clear historical records which is traceable according to analysis date.
- \* Data for specific whole day can be derived and saved to USB directly.
- \* Equipped with Bluetooth printer which is easy to operate and print quickly.
- \* Modular design ensures quick installation and easy maintenance.

\* Optional online monitoring device meets different requirements.  
Specifications

detection range	0.001-1.5mg/l
detection limit	1ppb
max tolerance	±5%
analysis time	3 min
response time	within 10 min
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%
power	220V±10%
frequency	50HZ+1HZ
power	100W
dimension	440*220*300mm