TOC TA -5.0

It is used for testing the total organic carbon (TOC)concentration in water samples,which range from 1 to 1000ppb, with high sensitivity and accuracy

TOC TA-5.0 Total Organic Carbon Analyzer is composed of 1 set of TOC-D500 Total Organic Carbon (TOC) data terminal instrument and most up to 8 units of TA-5.0 total organic carbon (TOC) detection unit instrument. The data terminal instrument is responsible for collecting and displaying the data of each detection unit, which has the function of data storage, printing, alarming, etc. Each detection unit has its own oxidation detector, to detect the TOC of water samples of each monitoring point



Features

- With a 10 Inch Touch screen, can control to 8 s ets of detection unit
- Query history by time
- Best data stability
- The diameter of inlet and outlet water pipe is 1mm Teflon tube, equipped with 50 quick connector
- The detection principle of ultraviolet static oxidation
- Ultra low detection limit
- RS-485 communication interface
- Matching micro printer, can be printed in real t ime

Application Domain

The system can be used to detect TOC concentration of purified water and injection water and deionized wate in the pharmaceutical industry; online monitoring of water system in pharmaceutical industry, Ultra pure water preparation system for semiconductor industry and water processing and power plant deionized water preparation process. It also used for detection of the semiconductor industry, power plants, scientific research units, laboratories and other ultrapure water's TOC

Parameters

Measuring Range	1μg/L~1000μg/L
Conductivity Detection Range	0.055μS/cm ~6.000μS/cm
Measuring Limit	1 μg/L
Measuring Precision	±5%
Response Time	Within 30 min
Repeatability Error	≤ 3%
Dimension (mm)	400*240*310
Range Drift	±5%
Sample Temperature	0~100℃
ambient Temperature	10~60℃
Relative Humidity	≤ 85%
Sample Speed Inside	0.5ml/min
Linearity	< 3%
Power Supply	220V±10%
Mains Frequency	50Hz±1Hz
Rated Power of Test Unit	50W

Total Organic Carbon (TOC) Analyzer

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TOC Standard Sample Liquid

2010 pharmacopoeia appendix Ⅷ R has strict rules for the water to check total organic carbon and the preparation of reference solution, requiring that the calibrated instrument should be used for on-line monitoring or off-line laboratory determination for the water system, this requiring that the calibration and system System Adaptability Verification must be carried out regularly for the TOC analyzer.Based on the strong technical strength of the Academy of Military Medical Sciences, the configuration of the Total Organic Carbon (TOC) Analyzer Calibration Kit launched by us has reached the international leading level. It not only meets the requirements of the 2010 edition of the Pharmacopoeia but also complies with the relevant regulations of the U.S. Food and Drug Administration (FDA)

Matters Needing Attention

- One-time use is advised when the bottle is opened each time
- Because the validity of the reagent itself is shorter, please buy according to the need, to avoid unnecessary loss
- This kit is sold in a complete set, temporarily not sold by pieces
- Different packaging may be customized according to requirements

Parameters

NB-gc001	125ml Zero Water /1Bottle	NB-gc002	40ml Zero Water/1Bottle
	125ml 0.5ppmSucrose/1Bottle		40ml0.5ppmSucrose/1Bottle
	125ml0.5ppm1, -4 benzoquinone/1Bottle		40ml0.5ppm1,-4 benzoquinone/1Bottle

UV Lamp

Matters Needing Attention

- It can't directly illuminate to a person's skin, especially a person's eyes
- Please wear sterile gloves before using and use alcohol to wipe the quartz tube
- Do not use your hand to directly contact with the tube
- Please contact the manufacturer in time of use

Features

- This product is imported from abroad with original packaging
- It is in line with the electrical interface definition of the international electrotechnical standards association
- Service voltage: 12VDC
- The effective service life of 3000--- 5000 hours for the quartz tube can be ensured
- It is compatible with the oxidation unit of TOC analyzer from abroad
- Wavelength: 185nm and 145nm dual-wavelength