

Total Organic Carbon Analyzer

TOC-3000

Features

- Equipped with national patented signal management system to realize accurate online setting, real-time monitoring, self-testing and flow speed controlling, also ensures perfect device performance and experiment safety.
- Low current system design highly ensures the safety of operators.
- Temperature can be set according to different samples which ensures complete sample digestion.
- The power of cooling module can be set according to sampling volume which improves drying performance, also prohibits wet gas damaging the NDIR detector.
- Automatic leakage checking system not only avoids misoperations, also improves device performance and operation safety.
- Flow rate controlling system avoids the influence of flow rate fluctuation which ensures more accurate data.
- TOC detector with 24 bits data solution extends monitoring range. Controlling system with 32bin processing technology greatly improves device performance.

Description

TOC-3000 is used for water quality monitoring. They are equipped with precision NDIR detector to quantify TOC content which ensures highly accurate test results. TOC-3000 adopts wet chemical oxidation by UV method, mainly tests drinking water, pure water, water for injection, etc.

Application

- Quality control
- General research
- Pharmaceuticals
- Biochemical and clinical laboratory applications.



Technical Specification

Model	TOC-3000
Detector	NDIR
Parameters	TC, TIC, TOC, NPOC
Method	Wet Chemical Oxidation by UV
Operation Mode	PC Control
Application	Liquid Sample
Gas Requirement	Nitrogen $\geq 99.995\%$
Measurement Range	0-10000mg/l (ppm)
Detection Limit	5 μ g/l (ppb)
Repeatability	3%
Maximum Salinity	85g/l
Power	AC220V, 50Hz or AC110V, 60HZ, 200W
Size	430*455*440mm