



TOC Analyzer

LTOC-A series

TOC Analyzer LTOC-A10

TOC Analyzer LTOC-A10 is designed to determine carbon content in Liquid and Gas samples by digesting it through wet chemical oxidation mode. LTOC-A10 is fully computer-aided equipment which helps in enhancing the performance.

Features:

- ◆ Detects Total Carbon (TC), Total Inorganic Carbon (TIC), Organic Carbon (TOC) and Non purgeable Organic Carbon (NPOC)
- ◆ Applicable for Liquid and Gas samples
- ◆ Detects carbon as low as 5µg/l
- ◆ Detector used is Non-Dispersive Infrared (NDIR)
- ◆ Carbon is assimilated by wet chemical oxidation
- ◆ **Flexibility in setting different temperature for several samples**
- ◆ Real-time measuring
- ◆ Provision of automatic leakage prevention system



Application:

Existing official analytical methods place 'Total Organic Carbon' as the most widely used analyzer to measure carbon amounts in any given sample. Generally, it is used for quality control of drinking water, industrial water, sewage and waste water. It is also known in assisting the validation cleaning procedures of the biotechnology industry, especially clean-in-place (CIP).

TOC Analyzer LTOC-A10

Specifications:

Model No.	LTOC-A10
Measurement Range	0-10000mg/l
Detection Limit	5µg/l
Digestion Mode	Wet chemical oxidation by UV
Detector	NDIR
Parameters	TC, TIC, TOC, NPOC
Gas Requirement	Nitrogen=99.995%
Application	Liquid Sample, Gas Sample
Repeatability	3%
Maximum salinity	85g/l
Operation Mode	PC Control
Power	220±10V, 50/60HZ, 1KW
Overall Dimension	430*455*440mm

TOC Analyzer LTOC-A11

TOC Analyzer LTOC-A11 is designed to determine carbon content in most of samples – Solid, Liquid and Gaseous by digesting it through High Temperature Combustion mode. LTOC-A11 is fully computer-aided equipment which helps in enhancing the performance.

Features:

- ◆ Detects Total Carbon (TC), Total Inorganic Carbon (TIC), Organic Carbon (TOC) and Non purgeable Organic Carbon (NPOC)
- ◆ Applicable for Liquid, Gaseous and Solid samples
- ◆ Detects carbon up to 50 µg/l
- ◆ Usage of Non-Dispersive Infrared (NDIR) detector
- ◆ Carbon is assimilated by High Temperature Combustion
- ◆ Flexibility in setting different temperature for several samples
- ◆ Real-time measuring
- ◆ Provision of automatic leakage prevention system



Application:

Existing official analytical methods place 'Total Organic Carbon' as the most widely used analyzer to measure carbon amounts in any given sample. Generally, it is used for quality control of drinking water, industrial water, sewage and waste water. It is also known in assisting the validation cleaning procedures of the biotechnology industry, especially clean-in-place (CIP).

TOC Analyzer LTOC-A11

Specifications:

Model No.	LTOC-A11
Measurement Range	0-30000mg/l
Detection Limit	50µg/l
Digestion Mode	High Temperature Combustion
Operation Mode	PC Control
Detector	NDIR
Parameters	TC, TIC, TOC
Gas Requirement	Oxygen/Nitrogen=99.995%
Application	Liquid Sample, Gas Sample, Solid Sample
Repeatability	3%
Maximum Salinity	85g/l
Power	220±10V, 50/60Hz, 1kW
Overall Dimension	430*455*440mm



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