BioLAB

PRODUCT CATALOG

TOC ANALYZER BEY1L1 (BANA-608-A)

CE ISO9001 CERTIFIED

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TOC ANALYZER BEY1L1

TOTAL ORGANIC CARBON ANALYZER

- Auto sample dilution, auto acid-adding and auto gas purging .
- 680°C catalytic oxidation technology with platinum catalyst, especially for seawater test.
- NDIR detector, high sensitivity and stability.
- Optional autosampler.
- Multi-functional PC software.
- Precise gas flow control technology improves accuracy.
- PID temperature controlling technology, ensure higher accuracy.
- Unique three-stage dehydration technology improves drying efficiency.
- Personalized standard curve management provides great convenience for users.
- Consumables management reminds users to replace consumables in time.
- Modular design, simplifying device operation and maintenance.

SPECIFICATIONS

Model	BEY1L1
Old Model	BANA-608-A
Measurement Method	High Temperature Catalytic Combustion
Detector	NDIR
Analysis Parameter	TC, TIC, TOC, NPOC
Control Mode	PC software controlled
Gas Requirement	Oxygen, purity ≥99.995%
Sample Type	Liquid sample
Measurement Range	0-1000 mg/L, can extend to 0-100,000 mg/L (Manually dilution)
Limit of Detection	TC: 50 μg/L
Measuring Time	TC: around 4 min
Max. Permissible Error	TOC: ± 5%
Repeatability	≤3%
Injection Volume	TC: 100-500 μL
Power Requirement	AC110/220V, 50/60Hz, 700W
Alt Name	Total Organic Carbon Analyzer

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Autosampler	Sample Type:Liquid sample Max. Number of Samples:19 sample positions an 1 cleaning position Volume of Sample Bottle:60 mL Ambient Temperature:0-40 °C Relative Humidity:≤85% Power:AC100-240V, 50/60 Hz, 120W

2	Autosampler	Sample Type:Solid or Suspension liquid sample Control Mode:PC software controlled Analysis Parameter:TC, TIC, TOC (TC-IC) TC Measurement Method:High temperature catalytic combustion (900℃; Max 1000℃) TIC Measurement Method:Acidification at 200℃ Sample Carrier:Quartz boat Gas Requirement:Oxygen, purity ≥99.995% (TOC analyzer provides); Flow rate: 500 mL/min Measurement Range:0.1-30.0 mg Max. Sample Volume:Solid: 1.0 g; TC liquid: 0.5 mL; IC liquid: 0.3 mL Measurement Time:5-8 min Power:AC100-240V, 50/60 Hz, 1000W

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