

Total Organic Carbon Analyzer



- Features:**
- \* Auto sample dilution, auto acid-adding and auto gas purging(BK-TOC5000RD).
  - \* 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.
  - \* TOC-LAB software is optional, which complies with FDA-21 CFR Part11 requirements and USP.

Technical Parameters:	
Model	BK-TOC5000RN      BK-TOC5000RD
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 (AS-W20 is optional.)
Measurement Range	0~1000mg/L, can extend to 0~100,000mg/L (Manually dilution)      0~1000mg/L, can extend to 0~100,000mg/L (Automatically dilution)
Limit of Detection	TC: 50µg/L; IC: 20µg/L
Measuring Time	TC: around 4min; IC: around 3min
Max. Permissible Error	TOC: ± 5%; IC: ± 4%
Repeatability	≤3%
Injection Volume	TC: 100~500µl; IC: 100~2000µl
Optional Accessories	Autosampler for liquid sample or solid sample, Enhanced Halogen Removal Device, Enhanced Halogen Removal Device-Metal Wire Mesh
Power Supply	AC220V±10%, 50/60Hz(Standard); 110V±10%, 50/60Hz(Optional)
Consumption	700W
Package Size(W*D*H)	Main Machine: 780*710*610mm; Accessories: 710*230*600mm
Gross Weight	Main Machine: 59kg; Accessories: 7kg      Main Machine: 63kg; Accessories: 8kg

BIOBASE

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