

Total Organic Carbon Analyzer



BK-TOC1500



BK-TOC1700

Features:

- * Equipped with conductivity detector to quantify TOC concentration.
- * BK-TOC1700 is able to work under on-line mode to realize real-time monitoring.
- * Ideal choice to measure and monitor microelectronics water, purified water, water for injection, etc.
- * Automatic sample introduction with one-button setting, no sample contamination, no harm on operator and environment.
- * UV oxidation by UV lamp, no need to add acid, gas or catalytic, greatly reduces the experiment and maintenance cost.
- * 7 inches touch screen with smart UI, easy to operate and read test data.
- * Two software options are available: one is the regular software and the other is the TOC-Lab software which complies with FDA-21 CFR Part11 requirements and USP, EP, JP and CHP.
- * Auto sampler is optional according to different experiment requirements.
- * Online and offline mode can be easily switched. (BK-TOC1700).
- * 8GB large storage capacity, no restriction of data and time.
- * Quick test, each analysis takes less than 3 minutes.
- * All historical records can be traced by searching test date.
- * Data can be retrieved and saved to USB directly.
- * Equipped with Bluetooth printer for quick and easy data printing.
- * Modular design for quick installation and easy maintenance.

Technical Parameters:

Model	BK-TOC1500	BK-TOC1700
Work Model	Offline	Online and offline
Detection Range	0.001~1.5mg/l	
Detection Limit	1ppb	
Max Tolerance	±5%	
Analysis Time	3 min	
Response Time	Within 10 min	
Sample Temperature	1~95°C	
Sample Flow Speed	2ml/min	
Repeatability Tolerance	≤3%	
Drifting	±5%	
Environment Temperature	10-40°C with temperature changes 5°C/d	
Relative Humidity	≤85%	
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50Hz(Optional)	
Consumption	100W	
External Size(L*W*H)	440*220*300mm	440*220*405mm
Net Weight	11kg	12.25kg
Package Size(L*W*H)	640*490*440mm	640*490*440 mm
Gross Weight	16kg	19kg

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Features:

- * NDIR detector, high sensitivity and stability.
- * Automatic leakage detection system not only avoids the misoperation, but also improves device performance and safety.
- * Optional autosampler.
- * Multi-functional PC software.
- * Precise gas flow control technology improves accuracy.
- * 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-TOC3000
Method	Wet Chemical Oxidation By UV
Detector	NDIR
Parameters	TC, TIC, TOC, NPOC
Gas Requirement	Nitrogen ≥ 99.995%
Measurement Range	0~10000mg/l(ppm)
Detection Limit	5µg/l(ppb)
Operation Mode	PC software Controlled
Application	Liquid Sample
Repeatability	3%
Maximum Salinity	85g/l
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50Hz(Optional)
Consumption	200W
External Size(L*W*H)	460*360*450mm
Net Weight	25kg
Package Size(L*W*H)	660*610*680 mm
Gross Weight	45kg