

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℃	
Sample Flow Speed	2ml/min	
Repeatability Tolerance	≤3%	
Drifting	±5%	
Environment Temperature	10-40℃ with temperature change±5℃/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

Total Organic Carbon Analyzer



- 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