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.
* In compliance 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	3ml/min	
Repeatability Tolerance	≤3%	
Drifting	±5%	
Environment Temperature	10-40℃ with temperature change±5℃/d	
Relative Humidity	≤85%	
Power Supply	AC 220V, 50/60Hz (Standard); AC 110V, 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)	610*470*405mm	640*490*440 mm
Gross Weight	16kg	18kg

Total Organic Carbon Analyzer

BK-TOC2000

BK-TOC3000

Features:

* Equipped with signal management system to realize accurate online setting, real-time monitoring, self-testing and flow speed controlling, also ensures perfect device performance and experiment safety.
* Low current system design highly ensures the safety of operators.
* Temperature can be set according to different samples which ensures complete sample digestion.
* The power of cooling module can be set according to sampling volume which improves drying performance, also prohibits wet gas damaging the NDIR detector.
* Automatic leakage checking system not only avoids mis-operations also improves device performance and operation safety.
* Flow rate controlling system avoids the influence of flow rate fluctuation which ensures more accurate data.
* TOC detector with 24 bits data solution extends monitoring range. Controlling system with 32bin processing technology greatly improves device performance.

Technical Parameters:

Model	BK-TOC2000	BK-TOC3000
Method	Dry method	Wet Chemical Oxidation By UV
Digestion Mode	High Temperature Combustion	/
Detector	NDIR	
Parameters	TC, TIC, TOC, NPOC	
Gas Requirement	Oxygen ≥ 99.995%	Nitrogen ≥ 99 995%
Measurement Range	0~30000mg/l (ppm)	0~10000mg/l (ppm)
Detection Limit	50μg/l (ppb)	5μg/l (ppb)
Operation Mode	PC software Controlled	
Application	Liquid Sample	
Repeatability	3%	
Maximum Salinity	85g/l	
Power Supply	AC 220V, 50/60Hz (Standard); AC 110V, 50Hz (Optional)	
Consumption	200W	
External Size(L*W*H)	460*430*450mm	460*360*450mm
Net Weight	28kg	25kg
Package Size(L*W*H)	820*570*680mm	660*610*680 mm
Gross Weight	52kg	45kg