

ATL-3600

Total Organic Carbon
Analyzer



ATL-3600 use the Flow UV oxidation – Conductivity Detection method to detect the concentration of total organic carbon in de-ionized water, range from 0.1ppb–1500ppb. Has a high sensitivity and accuracy.

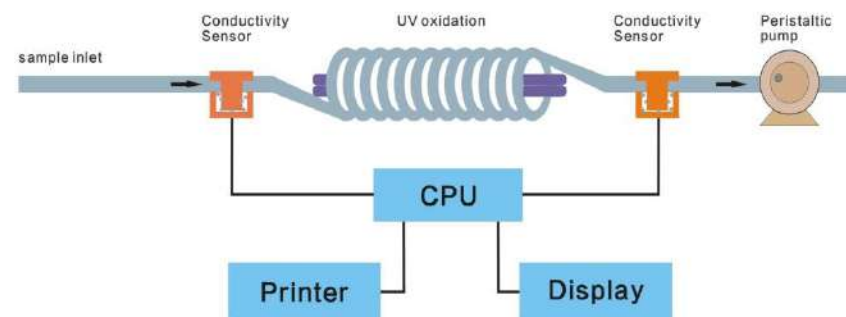
Product Features:

- ★ high accuracy
- ★ lower test limit
- ★ Simultaneous Determination of conductivity
- ★ Conductivity temperature compensation technology
- ★ Interface can be connected
- ★ Inch touch screen
- ★ Data convenient query
- ★ Five years of data storage
- ★ Embedded dot matrix printer
- ★ UV lamp life Countdown
- ★ Alarm output function
- ★ Low maintenance costs
- ★ Online testing optional
- ★ Automatic calibration optional



Technical Parameters:

Fundamentals: Flow UV oxidation – Conductivity	carrier gas: No need
Detect range: 0.1–1500.0 μg/L 0.1ppb–1500ppb	Communication: 4–20mA(External)
TOC precision: 0.1 μg/L 0.1ppb	Display and operator: 5.6 inches screen
Accuracy error: ≤ ±5%	data storage: 5–year data (date measured 500 times)
Repeatability error: ≤ ±3%	printer: Embedded dot matrix printer
Span drift: ≤ ±2%/D	Options: Online device, Calibration package, Autosampler
Zero drift: ≤ ±2%/D	power: 220V AC ≤ ± 10% 50Hz
Conductivity detection range: 0.055–6.000 μS/cm	output: 60W
Showing Data: TOC, Conductivity, temperature	Ambient temperature: 0–40 degree Celsius
Response time: Less than 15 mins	Dimensions (W*D*H mm) : 300*200*180
Injection method: Self-priming peristaltic pump	weight: 10Kg
reagent: No need	



Fundamentals:

Using UV light to oxidized the slow flow of water samples , according to the difference of conductivity before and after oxidation of the sample to calculate the value of TOC.

Application:

laboratory Offline detection for the total organic carbon Concentration of the purified water, deionized water, water for injection , online monitoring the pharmaceutical industry Water system, ultra-pure water preparation system in the semiconductor industry , and the deionized water preparation process in power plants.