

TOTAL ORGANIC CARBON ANALYZER

TOC 3600



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Product Features :

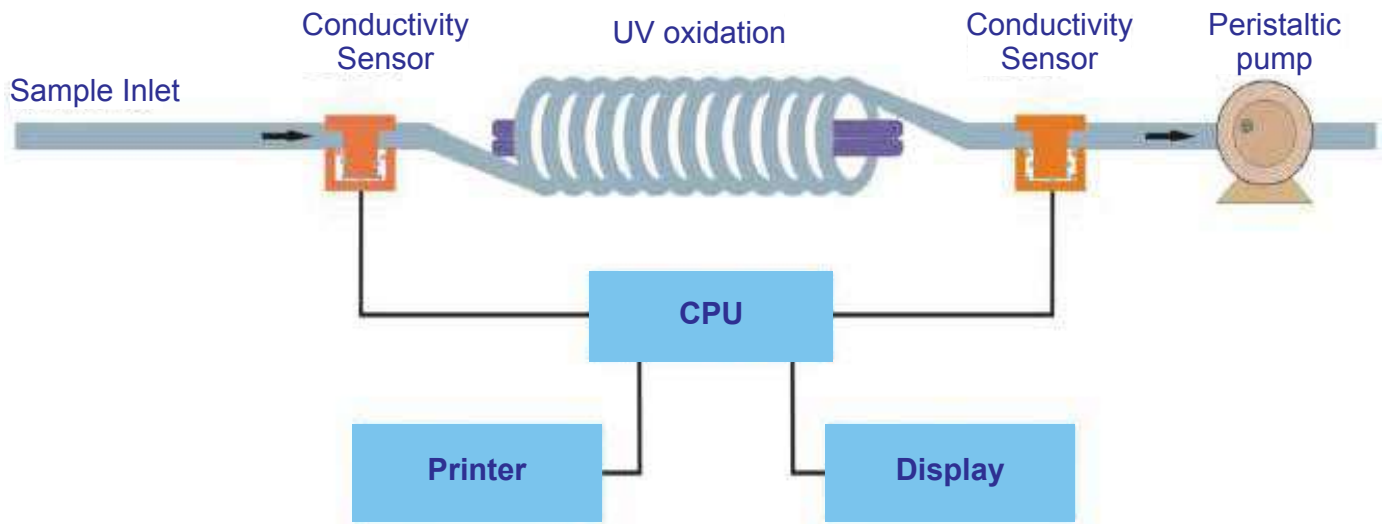
- High accuracy
- Lower test limit
- Simultaneous Determination of conductivity
- Conductivity temperature compensation technology
- Interface can be connected
- Inch touch screen
- Data convenient query
- Five years of data storage
- Embedded dot matrix printer
- UV lamp life Countdown
- Alarm output 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 μ g/L 0.1ppb-1500ppb	Communicated	4-20mA(External)
TOC precision	0.1 μ g/L 0.1ppb	Display and operator	5.6 inches screen
Accuracy error	$\leq \pm 5\%$	Data storage	5-year data (date measured 500 times)
Repeatability error	$< \pm 2\%/D$	Options	Online device, Calibration package, Autosampler
Zero drift	$\leq +2\%/D$	Power	220V AC $\leq +10\%$ 50hz
Conductivity detection range	0.055-6.000 μ S/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		

►► Specification :

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



►► 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.

►► Regulatory compliances



►► Corporate Social Responsibility

Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:



Analytical Foundation

1. Research & Innovation Scientist's awards / QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

►► Reach us @



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