

TOC - 3500

TOTAL ORGANIC CARBON ANALYZER



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

Features :

- High-performance processor, ensuring stable and reliable system running.
- Modular design, simplifying device operation and maintenance.
- Imported NDIR detector, guaranteeing higher sensitivity and stability.
- PID temperature controlling technology, reaching higher accuracy.
- Precise gas flow control technology improves accuracy.
- Unique three-stage dehydration technology improves drying efficiency.
- Automatic sample dilution, acid-adding and purging.
- Unique liquid path and flow control system extend the service life of catalyst.
- Real-time monitoring of diluted water and waste water.
- Multi-functional PC software, complying with the requirements of GMP and FDA 21 CFR PART 11
- Personalized standard curve management provides great convenience for users.
- Consumables management reminds users to replace consumables in time.
- 680°C catalytic oxidation technology with Platinum catalyst, especially for seawater test.
- Optional 20-position autosampler saves 80% time and energy.



Software Introduction :

Standard Curve

- All detailed sample and measurement info would be displayed clearly.
- Automatically append measurements to meet RSD or SD limits.
- Real-time display of peak shape, easy to make comparisons.

Sample Measurement

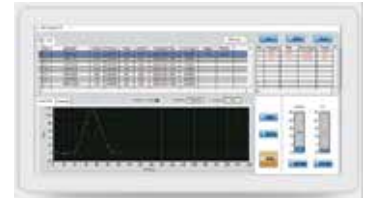
- Quick setting of measurement mode and ID info.
- Real-time monitoring of temperature and air flow, an alarm is initiated when exception occurs.
- Real-time display of measurement data and peak shape.

Consumables Management

- Available to set and check the service life and service condition of consumables.
- Timely reminding users to replace consumables.

Measurement Record

- Easy to retrieve sample info, measurement data and peak shape
- Measurement report can be exported in Excel or PDF format
- Test report under Single-sample or Multi-sample mode can be selected flexibly to meet different requirements.



| Consumable Name | Service Life | Service Condition |
|-----------------|--------------|-------------------|
| Sample 1 | 1000 | Good |
| Sample 2 | 1000 | Good |
| Sample 3 | 1000 | Good |
| Sample 4 | 1000 | Good |
| Sample 5 | 1000 | Good |
| Sample 6 | 1000 | Good |
| Sample 7 | 1000 | Good |
| Sample 8 | 1000 | Good |
| Sample 9 | 1000 | Good |
| Sample 10 | 1000 | Good |



Accessories introduction :

Multi-channel Rotary Valve System

- Quantitative pump ensures precision injection volume.
- Single-point dilution, quick and convenient.
- Wide sample measurement range, max. automatic dilution ratio 100.



High Temperature Pyrolysis Module

- Pyrolysis temperature can be set as required.
- Precision temperature control system, the highest temperature 100°C



IC Reaction Module

- Complete IC digestion by acid-adding and heating.
- Electronic cooling system, filter and membrane dryer effectively remove water vapor.



N DIR Detector

- Imported light source, detector and special gas chamber.
- Stable results, lower noise, wider detection range and faster speed.
- A constant temperature environment ensures high stability and accuracy.



Technical Specification :

| | |
|-------------------|----------------------------------|
| Model | TOC 3500 |
| Method | High Temperature Combustion |
| Detector | NDIR |
| Parameters | TC, TIC, TOC, NPOC |
| Operation Mode | PC software controlled |
| Application | Liquid sample |
| Gas Requirement | Oxygen ≥ 99.995% |
| Measurement Range | 0-30000mg/L |
| Power Supply | AC 220 V/ AC 110 V, 50/60HZ, 1KW |
| Dimension | 450 × 500 × 480mm |



HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

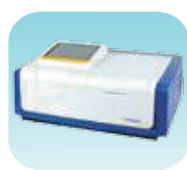
Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies



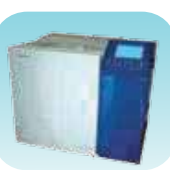
UV/VIS
Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Partical
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

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 @



HPLC Solutions MultipleLabs Analytical Bio-Med Analytical Distributors Analytical Foundation (Trust)

Corporate & Regd. Office:
Analytical House, # E67 & E68,
Ravi Park, Vasna Road, Baroda,
Gujarat 390 015. INDIA

T: +91 265 2253620
+91 265 2252839
+91 265 2252370
F: +91 265 2254395

E: info@hplctechnologies.com
info@multiplelabs.com
info@analyticalgroup.net
info@analyticalbiomed.com

W. www.analyticalgroup.net
www.hplctechnologies.com
www.multiplelabs.com
www.ais-india.com

Sales & Support Offices:
across the country ;
Distributors & Channel
partners World Wide

Note : Company reserves rights to add/delete/modify the contents / technical specifications of the catalogue without prior notice.