



3800 Online Water / Liquid Analyzer



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net



Product Introduction

Online Water / Liquid Analyzer designs 3800 with unique and reliable solutions for water quality monitoring system for municipal and industrial water and wastewater. 3800 analyzer can be configured regarding the analysis and the installation to suit your industrial application, for example pure water and process water 3800 process analyzer provides fast and reliable measurements of a wide range of pollutants including Nitrogen compounds, Phosphate, Hydrogen sulphide, Hydrocarbons and Organic Matters. By using an optical method, the measurement does not require chemicals.

Parameters

Parameter		Range	Area Classification		Colorimetry	Potentiometry	Spectrometry Liquid Phase	Electrochemical
			Safe	Atex				
Ammonium	NH ₄	0.11000 mg/L & 0 10	/	ppm		~		
Nitrates	NO ₃	0.120 mg/L	/	/		/	/	
Nitrites	NO ₂	0.011000 mg/L	/	/	/		/	
TN		0.11000 mg/L	/	/	/			
Phosphates	PO ₄ ³⁻	0.0120 mg/L	/	/	/			
TP		0.0120 mg/L	/	/	/			
COD _{eq} -		110000 mg/L	/	/			/	
COD Dichloromate		110000 mg/L	/	/				
BOD _{eq} -		110000 mg/L	/	/			/	
TOC		110000 mg/L	/	/				
TOC High Temperature		0-50,000 mg/L	/	/				
Sulphides	S ₂ -	0.11000 mg/L	/	/				
Sulphites	SO ₃ ²⁻	0.11000 mg/L	/	/			/	
TS		0.11000 mg/L	/	/				
Suspended Solids	TSS	110000 mg/L	/	/			/	
Turbidity	Turb	0.00110000 NTU	/	/			/	~
Color		0.012000 Pt-Co	/	/			/	
Chlorine	Cl ₂	0.0120 mg/L	/		/		/	/
Chlorine Dioxide	CIO ₂	0.0120 mg/L	/	/	/		/	
TCI		0.11000 μg/L	/	/			/	
Chlorophyll A		0.01100 mg/L	/	/				
Hydrocarbons	HC	0.01100 mg/L	/	/			/	
Oxygen	O ₂	0.01100 mg/L	/	/			/	
Conductivity	EC	0.001200 mS/cm	/	/		/		
рН	H ⁺	014H ⁺	/	/		/		
Ozone	O ₃	0.0110 mg/L	/	/				
ORP		20002000 mV	/	/		/		
Aluminum		01 mg/L	/	/	/			
Total Ammonia Nitrogen		0100 mg/L	/	/				
Sludge Level			/	/				
рН	H ⁺	014H+	/	/				/
ORP		2000200 mV	/	/				/
TSS		0.11000 mg/L	/	/				
DO			/	/				/



>> Multi-Parameter Analyzer

Unique design, diffrent measuring technologies in a single instrument.

UV SPectroscopy: COD/BOD / TOC / Nitrate / Colour

Liquid Gas Phase Measurement : NH4, H2S, Chlorine

UV Flourescence/Laser Induced Spectroscopy (LIS): Oil in Water

Colorimetric: PO₄, Silica, Chlorine, Chromium (Other parameters available on request)

Nephelometric: Turbidity.

Ion Selective Electrode — Fluoride, Chlorine, Sodium (Other parameters available on request)

External Probe Attachment: TSS, DO (Optical), pH, Conductivity, ORP

>> Application

- Waste Water
- Strome Water
- Desalination
- Drinking Water
- Sea Water
- Surface Water
- Swimming Pool



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 Maintenace 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: 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, Manufaturing, 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



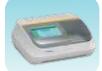
DSC/TGA



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:



- 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 personallities 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 DETOXIFY human minds, souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.





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