

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 0.1...1000 mg/L & 0..... 10	✓	✓ ppm		✓		
Nitrates	NO ₃ 0.1...20 mg/L	✓	✓		✓	✓	
Nitrites	NO ₂ 0.01...1000 mg/L	✓	✓	✓		✓	
TN	0.1...1000 mg/L	✓	✓	✓			
Phosphates	PO ₄ ³⁻ 0.01...20 mg/L	✓	✓	✓			
TP	0.01...20 mg/L	✓	✓	✓			
COD _{eq}	1...10000 mg/L	✓	✓			✓	
COD Dichloromate	1...10000 mg/L	✓	✓				
BOD _{eq}	1...10000 mg/L	✓	✓			✓	
TOC	1...10000 mg/L	✓	✓				
TOC High Temperature	0-50,000 mg/L	✓	✓				
Sulphides	S ₂ ⁻ 0.1...1000 mg/L	✓	✓				
Sulphites	SO ₃ ²⁻ 0.1...1000 mg/L	✓	✓			✓	
TS	0.1...1000 mg/L	✓	✓				
Suspended Solids	TSS 1...10000 mg/L	✓	✓			✓	
Turbidity	Turb 0.001...10000 NTU	✓	✓			✓	✓
Color	0.01...2000 Pt-Co	✓	✓			✓	
Chlorine	Cl ₂ 0.01...20 mg/L	✓	✓	✓		✓	✓
Chlorine Dioxide	ClO ₂ 0.01...20 mg/L	✓	✓	✓		✓	
TCI	0.1...1000 µg/L	✓	✓			✓	
Chlorophyll A	0.01...100 mg/L	✓	✓				
Hydrocarbons	HC 0.01...100 mg/L	✓	✓			✓	
Oxygen	O ₂ 0.01...100 mg/L	✓	✓			✓	
Conductivity	EC 0.001...200 mS/cm	✓	✓		✓		
pH	H ⁺ 0...14H ⁺	✓	✓		✓		
Ozone	O ₃ 0.01...10 mg/L	✓	✓				
ORP	2000...2000 mV	✓	✓		✓		
Aluminum	0...1 mg/L	✓	✓	✓			
Total Ammonia Nitrogen	0...100 mg/L	✓	✓				
Sludge Level		✓	✓				✓
pH	H ⁺ 0...14H ⁺	✓	✓				✓
ORP	2000...200 mV	✓	✓				✓
TSS	0.1...1000 mg/L	✓	✓				✓
DO		✓	✓				✓

►► **Multi-Parameter Analyzer**

Unique design, different measuring technologies in a single instrument.

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

Liquid Gas Phase Measurement : NH₄, H₂S, Chlorine

UV Fluorescence/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
- Storm 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 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 Particle
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.



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