

# GA3602

## Gas Analyzer



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

## Features:

Designed to conform ISO3930 standard  
 High-end microcontroller technology  
 Easily upgradeable to measure 6 gases  
 Water sensor stops suction  
 Improved interior design for easy service  
 Self-diagnostic facility  
 Integrated self-check facility  
 Electronic leak check facility  
 Automatic pump/solenoid valve control facility  
 Automatic zero calibration  
 Digital span calibration  
 USB and RS232C ports for PC interface  
 Operable on both AC and DC  
 Display of Lambda/AFR/PEF  
 Fuel selection facility - Petrol/Diesel/CNG/LPG  
 Low battery voltage cut-off  
 Power Saver automatically turns off the instrument

## ACCESSORIES:

Sampling Probe & Tube  
 RS232/USB Interface Cable  
 AC-DC Adapter with power cord  
 Wireless Remote with Charger (Optional)  
 RPM Sensor with accessories (Optional)  
 Software CD/ User manual

## TECHNICAL SPECIFICATIONS:

Parameter	NIDR	Range	Resolution	Accuracy
CO	NIDR	0-15%	0.001%	±5%
HC	NIDR	0-20000ppm	1ppm	±5%
CO <sub>2</sub>	Electrochemical	0-20%	0.01%	±5%
O <sub>2</sub>	Electrochemical	0-25%	0.01%	±5%
NO <sub>x</sub> /SO <sub>x</sub>		0-5000ppm	1ppm	±5%
Lambda (λ)		0.2-2.0	0.001	
AFR		0-30%	0.01%	
RPM	Battery/Magnetic	400-10000	10	
OT	RTD	0-150°C	1°C	±2%
Operating Temperature		0-50°C		±3°C

Measuring Gas Intake	1 ltr/min
Response Time	<5sec (for sampling probe length of 3m)
Warm-up Time ( $\geq 25^{\circ}\text{C}$ )	<3min
Display Type	LCD
Keyboard	Membrane keypad (3 x 4)
Power Supply	12VDC $\pm$ 1.2V or 230VAC $\pm$ 20%
Power	25W
Dimension	260 x 280 x 80mm (LxBxH)
Weight	5 kg

## 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



LCMS



Maldi TOF



Optima Gas Chromatograph



Flash Chromatograph



DAC Column



GCMS 3068



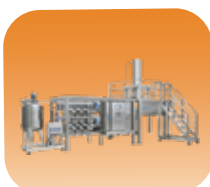
UHPLC



HPTLC



Ion Chromatograph



Production HPLC



HPLC



Column



DLS



Water purification system

▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility

ANALYTICAL FOUNDATION is a Nonprofit Organization (NGO) for the purpose of:



# Analytical Foundation

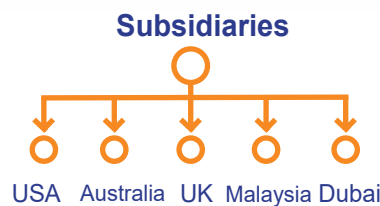
1. Research & Innovation **Scientist's awards & International Conference visit sponsorship / QC Professional Awards:** Quality life is possible by innovation only and the innovation is possible by research only, hence **ANALYTICAL FOUNDATION** is committed to identify such personalities for their contributions 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](mailto: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, Naturecure, Health Care, Ara, Events, Camps etc.

▶▶ A portion of profit of **ANALYTICAL GROUP** Company's goes into **ANALYTICAL FOUNDATION** for the aboce noble cause.

▶▶▶ Reach us @



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