

ALD - 3098

Ammonia Leak Detector



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Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

▶▶ Product overview

Ammonia Leak Detector series is a built-in pumpsuction single & multi gas detector, which can detect 1-6 kinds of gases simultaneously and continuously. (on-going) and non-contact magnetic wand design, it can be installed and operated in explosion proof areas in Oil & Gas industry. In addition to 3-wire 4-20mA output with relay, it also offers Modbus protocols, making it compatible with most control systems. With optional wireless function, operator can view data on laptop, mobile phone or cloud system remotely.



ALD 3098 with display
and alarm light



ALD-3098 with display

▶▶ Product Advantage

- With internal suction pump, fast response
- Up to 6 kinds of gases can be detected at the same time. In complex and multi-gas environments, multiple installations can be reduced, saving time and effort.
- 2.4-inch industrial-grade high-definition color screen with a resolution of 320*240 and a wide viewing angle of 120 degrees.
- With wireless module, data can be uploaded to the cloud platform, environmental protection bureau or other
- Platforms, providing SMS reminder function, the transmission signal is not limited by distance, and can be viewed in real time on mobile phones and computers. (optional)
- With full software automatic verification function and zero calibration function, making gas monitoring more accurate and more reliable.
- Standard 4-20mA current signal, RS485 modbus signal, 1 set of relay signal output
- Standard infrared remote control, which can remotely control the detector and modify the detector settings.
- With sound and light alarm function, there is sound and light alarm when reaching the alarm point. (optional)

►► Technical parameters

Gas Detected:	NH3 EX
Detection Principle:	Electrochemical(NH3), Catalytic combustion(EX)
Measure range:	NH3: 0-10ppm, EX: 0-100%LEL
Resolution:	NH3: 0.1ppm, EX: 1%LEL
Accuracy:	≤±3%FS
Response time(T90):	60s
Repeatability :	≤±1%
Pump flow :	0.35-0.5 L/Min
Zero shift:	≤±1% (F.S./year)
Display:	2.4-inch color display, resolution 320*240
Display content:	gas molecular formula, concentration, unit, pump status, etc
Alarm(Optional):	buzzer, alarm status prompt on the display screen, high and low alarm values can be set by customer
Language:	English
Communication and data download:	With PC software, history data can be downloaded, stored, printed, and analyzed in computer (optional)
Working Temperature:	-20°C ~ 50°C
Working Humidity:	0-95%RH(no condensation)
Material Case:	Die-cast aluminum, Sensor housing: aluminium alloy or 316 stainless steel
Power :	12-24V DC
Dimensions :	286*202*96mm (H x W x D)
Weight :	3.4kg (3.8kg with alarm light)

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



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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



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



 **Analytical**®
Technologies Limited

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

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