

PFGD - 3200

Portable Formaldehyde Gas Detector



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Analytical Technologies Limited

An ISO 9001 Certified Company

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►► Features

- LCD dot matrix display, direct readout of gas type, unit, concentration, local time, etc.
- Support English operation, easy to shift.
- Gas concentration unit PPM and mg/m³ can be shift quickly.
- Built-in micro-sampling pump, 10 grades of suction are available.
- Explosion-proof certification

Gas Detector Functions

- With self-calibration and zero calibration functions, makes the detection more accurate and reliable.
- One key to restore factory setting, free from maloperation.
- With temperature and pressure compensation, able to realize the compensation for the gas concentration under different temperature and pressure environments.
- Two-stage alarm with sound and light, and alarm point is settable.
- Rechargeable lithiumpolymer battery with large capacity.
- High-strength special engineering plastic housing, with anti-slip, waterproof, dustproof and explosion-proof.

►► SPECIFICATION

Model	3200
Sampling Method	Pump suction type, flow rate can be up to 750ml/min
Detection Principle	Electrochemistry
Gas	Formaldehyde (CH ₂ O / HCHO)
Range (Optional)	0 to 10 ppm, 0 to 50 ppm or 0 to 100 ppm
Resolution	0.01ppm
Accuracy	≤±3% F.S.
Responce Time	≤10s
Repeatability	≤±1%
Recovery Time	≤10s
Linearity Error	≤±1%
Zero Shift	≤±1% (F.S./year)
Data Logging (Optional Function)	High speed data transmission by USB, available for data downloading and printing (The built-in IC card has about 2G memory, which can record 100,000 sets of data.)
Alarms	Sound, light and vibration
Display	LCD dot matrix display
Battery	3.7V rechargeable lithium battery, 3.7 Watt (Charger included: Input AC 100-240V 50/60Hz with optional USA, Europe or UK plug)
Operating Time	100h (Pump off)

Communication	Mini USB interface supports standard MODBUS communication protocol
Explosion-proof Grade	Ex ia IIC T4
Protection Grade	IP66
Operating Temperature	-20℃ ~50℃
Operating Humidity	0~95%RH (non-condensing)
Operating Pressure	0.8~1.2bar
Dimension	205*75*32mm
Weight	300g
Warranty	12 months



Note:

* If you need a CH₂O gas detector with other measuring ranges unlisted in above table, please contact us to inform your operating environment, so as to help you choose an appropriate one for your application.

* We also provide other common gas detectors, and you can refer to get the specific gas type and measurement range. If you have any questions, please feel free to contact us.

Details

Tips: Common Types of Formaldehyde Detection

Common formaldehyde test instrument in the market can be broadly divided into the following categories:

1. One of the CH₂O gas
2. Another test instrument is the use of spectrophotometry to analyze the reading. This kind of instrument has a more prominent characteristic - high accuracy, has little interference from other gases, and has temperature and humidity compensation.
3. Portable formaldehyde gas detector is an instrument that can continuously measure formaldehyde. This product is suitable for environment monitoring, industrial production, chemical industry and other places with formaldehyde.
4. Handheld HCHO monitor can be zero calibrated on the site under test without the help of outdoor air. It is applied to the detection of formaldehyde gas in public places, civil buildings and building materials.

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.

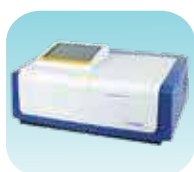
Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



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.

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Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



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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



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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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