

WASP XME

Portable Gas Detector with Pump Priming



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Product Outline

WASP-XM-E- Pump-priming Portable Gas Detector is a continuous monitoring of a variety of single gas detection equipment. This product is suitable for environmental monitoring, industrial production and other harmful gases working environment, which can effectively protect the health and safety of staff is not compromised.

►► Main Feature

- Intelligent Probe design; convenient calibration and maintenance;
- Fault, Warning, operator error, alarm will be smart tips;
- Built-in CF calibration coefficients (VOC measurements only valid);
- With audible alarm, visual alarm function, the status bar also displays alarm status;
- Full-color 3.5-inch TFT screen, color LCD display and intuitive;
- Can be both digital and curve display of gas concentration in two ways;
- With USB communication port, you can speed 9600 bytes to communicate directly with the computer;
- With test record function, can store a month's measurement data and instrument or computer can view the data; Memory capacity is 2M, can store more than 90,000 pieces of data.
- With alarm recording function, you can record the last four times the alarm time and type;
- With calibration record; can record the last four times the size of the calibration time span;
- High-capacity lithium battery-powered, rechargeable, low battery automatic shutdown;
- Can be set high value alarm, low value alarm, TWA, STEL, shutdown time, pump speed, etc.;
- Indicate way : LCD display real-time concentration ,LED ,buzzer alarm.

►► Technical Parameter

Sensor type	Electro-chemical
Sampling way	Pump type
Test range	0-20 or customized
Resolution	0.1 ppm
Precision	±5%FS
Response time	<20s
Indicate way	LCD display real-time concentration ,LED、buzzer alarm
Data storage	Can store multiple sets of data
Pressure range	Atmospheric pressure 10%
Power supply	Lithium battery (4.2V/3000mAh)

Operating Current	normal current: ≤ 150mA; Alarm current: ≤ 200mA
Operating Temperature	-40 °C - 70 °C
Relative Humidity	15% - 95%, non-condensing
Storage Temperature	-20 °C - 60 °C
Storage humidity	≤ 90%, no condensation
Sensor life	1 year
Continuous work hours	30 hours above
Charge time	6-8 hours
Housing material	PC
Dimensions	228* 84 * 50.5mm
Installation	Handheld / Stand-in
Weight	0.55 kg
Protection Class	IP65
Certification	CE
Warranty	12 months

►► Applications

Petroleum, petrochemical, chemical, environmental, paper, paints, coatings, mining, electroplating, textile, coking plants, indoor air quality monitoring, environmental monitoring systems, health monitoring systems. Can be measured gas species: CH₂O, TVOC, CO, H₂S, NO₂, NO, SO₂, CL₂, NH₃, H₂, PH₃, O₃, F₂, HF, HCL, HBR, C₂H₄O, COCL₂, SIH₄, CLO₂, HCN, C₂H₄, SF₆ and combustible gases.

►► Accessories

Model	Gas	Range [or customize]	Resolution(ppm)
WASP-XM-E-CO	CO	0-2/20/200/2000/10000ppm	1ppm
WASP-XM-E-CO-A	CO	0-2/20/200/2000/10000ppm	1ppm
WASP-XM-E-H ₂ S	H ₂ S	0-50/100/200/2000/5000ppm	1ppm
WASP-XM-E-O ₂	O ₂	0-30%/100%	0.1%VOL
WASP-XM-E-NO ₂	NO ₂	0-20/500ppm	1ppm
WASP-XM-E-NO	NO	0-25/100/250/2kppm	1ppm
WASP-XM-E-SO ₂	SO ₂	0-20/100/2kppm	0.1ppm
WASP-XM-E-CL ₂	CL ₂	0-20ppm	0.1ppm

WASP-XM-E- NH3	NH3	0-1000ppm	1ppm
WASP-XM-E-H2	H2	0-1000ppm	1ppm
WASP-XM-E-H2-A	H2	0-1000ppm	1ppm
WASP-XM-E-PH3	PH3	0-1000ppm	1ppm
WASP-XM-E-CH2O	H2O	0-10ppm	0.1ppm
WASP-XM-E-O3	O3	0-1000ppm	1ppm
WASP-XM-E-F2	F2	0-1000ppm	1 ppm
WASP-XM-E-HF	HF	0-1000ppm	1ppm
WASP-XM-E-HCL	HCL	0-20ppm	1ppm
WASP-XM-E-HBr	HBr	0-20ppm	1ppm
WASP-XM-E-C2H4O	C2H4O	0-1000ppm	1ppm
WASP-XM-E-COCL2	COCL2	0-10ppm	1ppm
WASP-XM-E-SIH4	SIH4	0-1000ppm	1ppm
WASP-XM-E-O2	O2	0-30%/100%	0.1%VOL
WASP-XM-E-CLO2	CLO2	0-20 ppm	1ppm
WASP-XM-E-HCN	HCN	0-100 ppm	1ppm
WASP-XM-E-C2H4	C2H4	0-10/200/1500 ppm	1ppm
WASP-XM-E-H2O2	H2O2	0-100/500 ppm	1ppm
WASP-XM-E-TiCL4	TiCL4	0-20 ppm	1ppm
WASP-XM-E-CH3NH2	CH3NH2	0-1000 ppm	1ppm
WASP-XM-E-SO2F2	SO2F2	0-20 ppm	1ppm
WASP-XM-E-C4H8S	C4H8S	0-1000 ppm	1ppm
WASP-XM-E-C4H9SH	C4H9SH	0-200 ppm	1ppm
WASP-XM-E-CCL4	CCL4	0-20ppm	1ppm
WASP-XM-R-CO	CO	0-1%/5%/20%/50%/100%	0.1%VOL
WASP-XM-R-CO2	CO2	0-1000/2000/5000	1ppm
WASP-XM-R-SF6	SF6	1000/3000ppm	1ppm
WASP-XM-R-SF6	SF6	0-10/100ppm	1ppm
WASP-XM-R-CH4	CH4	0-100%LEL/VOL%	0.1%VOL
WASP-XM-R-HC	HC	0-1%/5%/20%/50%/100%	0.1%VOL
WASP-XM-P-VOCs	VOCs	0-2/20/200/2000/10000ppm	0.1/0.1/1ppm

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.

Reach us @



 **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

Sales & Support Offices:
across the country :
Distributors & Channel
partners World Wide