Lumidor Minimax XP

Honeywell





Extra protection from a single gas detector

Minimax XP







Tough Durable Housing

- · Small and lightweight
- Rugged, impact and weather resistant
- Includes crocodile clip clips anywhere to prevent accidental loss

Easy to Use

- Works straight out of the box
- Single button on/off operation
- Intuitive icons suitable for all languages
- User configurable via menu
- · Interactive product training guide available

Ultra Clear Backlit Display

- Continuous reading of gas levels
- TWA/STEL and two instantaneous alarm levels with peak hold facility
- Battery life, calibration and self-test status

Effective Gas Alarm Indication

- Alarm and backlight combine to demand attention
- Distinctive 95dB two-tone audible alarm
- · Vibrating alarm supplied as standard

Reliable Operation

- Self-test on start up or on demand checks display, battery, sensor, audiovisual and vibrating alarms
- Uses patented #SureCell™ and † Reflex™ sensor technology
- Includes TempraSURE™ thermal compensation and shock protection
- Periodic flash and/or beep for increased confidence

Unsurpassed EMC/RFI Performance

- No false alarms due to walkie talkies or cell phones
- Exceeds the toughest industrial standards for RFI immunity

Cost Effective

- Fully inclusive 2 year warranty
- Cell decay compensation enables up to 12 months between calibrations (H₂S/CO only)
- Replaceable sensor and battery
- Minimum 2 year sensor life
- Typical 3 year battery life* (low battery warning)
- Initial and on-going running costs minimized

XP is making it really personal!
The Minimax XP is all about preferences.
It delivers advanced, full feature
functionality, user configurability with cost
effective serviceability for a wide range of
toxic gases. The market demands more
than small size and good looks in a new
generation single gas monitor.



A compact and rugged design, maintenance that's easy while providing simple operation is essential. With loud, ultra-bright audiovisual alarm, XP demands attention when gas is detected. For noisy environments, a built-in vibrating alarm is supplied as standard.

XP delivers all of the above while still ensuring reliable, accurate readings and no false alarms from radio frequency interference (RFI). In addition XP provides continuous gas readings, TWA/STEL and two instantaneous alarms with peak hold facility.

By using "SureCell™ sensors with TempraSURE™ Thermal Shock Correction and Reflex™ Sensor Protection, XP ensures improved accuracy and reliability in adverse operating conditions.

Maintenance could not be easier. Built-in Cell Decay Compensation extends the time between calibrations to 12 months. With typical sensor life in excess of two years and three year battery life*, operational costs are minimized. Batteries and sensors can be easily replaced by the user.

Alternatively, Lumidor offers a wide range of service programs to meet our customer needs.

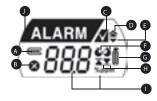
General specification





Gases Detected	Range	Level 1	Alarm Set Level 2	Points STEL	TWA
Oxygen (O ₂)	0 to 30% v/v	23.5% v/v	19.5% v/v	n/a	n/a
Carbon Monoxide (CO)	0 to 999 ppm	35 ppm	100 ppm	400 ppm	35 ppm
Hydrogen Sulphide (H ₂ S)	0 to 250 ppm	10 ppm	15 ppm	15 ppm	10 ppm
Sulphur Dioxide (SQ ₂)	0 to 150 ppm	2 ppm	5 ppm	5 ppm	2 ppm
Chlorine (CJ)	0 to 50 ppm	0.5 ppm	1 ppm	1 ppm	0.5 ppm
Hydrogen Cyanide (HCN)	0 to 100 ppm	5 ppm	10 ppm	10 ppm	5 ppm
Nitrogen Dioxide (NQ)	0 to 150 ppm	3 ppm	5 ppm	5 ppm	3 ppm
Ammonia (NH3)	0 to 100 ppm	25 ppm	50 ppm	35 ppm	25 ppm
Hydrogen (H ₂)	0 to 999 ppm	100 ppm	500 ppm	n/a	n/a
Construction					
General	Serviceable, portable single gas monitor for personal protection against Oxygen and toxic gas hazards				
Calibration	Time between calibrations is maximized utilizing cell decay compensation facility. The maximum time between calibrations is 12 months				
Operating Life	Sensor (replaceable) Minimum of 2 years Battery (replaceable) 3 years*				
Operating Temperature	-20°C to +50°C (-4°F to +122°F) (temperature compensated)				
Humidity	5-95% RH (non-condensing)				
Audible Alarm	95dB @ 10cm (3.9")				
Visual Alarm	High intensity Red LEDs				
Vibrating Alarm	Standard				
Display	Ultra clear backlit LCD displays gas levels & instrument status				
Sensor Type	Electrochemical (replaceable)				
Battery Type	Lithium CR2, 3.0v (replaceable)				
Diagnostics	Self-test of circuitry, battery, LCD, and software. Sensor test using patehted Reflex sensor technology				
Environmental					
IP Rating	IP54 (minimum)				
Intrinsic Safety	North America: Class 1, Div 1, Groups A, B, C, D, T4 (UL/cUL) Europe: II 2G EEx ia IIC T4 (ATEX)				
RFI/EMC	CE EN50270:1999 and EN55011				
Dimensions	93mm (H) x 50mm (W) x 27mm(D) (3.6" x 2" x 1.1") excluding clip				
Weight	Toxic 81.5g (2.8oz) Oxygen 93.0g (3.3oz)				

Display Details



- (A) Battery
- B Fail
- © Self-test pass icon
- D Level 1: O₂ and toxics Level 2: Toxics
- E Level 2: O₂
- F STEL/TWA alarm
- G Cal. Status icon
- Example 1 (O₂), High peak (O₂ and toxics)
- () Gas concentration and units
- J Alarm icon

* Oxygen detection products must only be used to detect oxygen depletion in air.

As World leaders in gas detection solutions, Honeywell Analytics' Lumidor range is best placed to provide the most efficient, practical and cost-effective equipment. Wherever personal protection is required, you can rely on our equipment to provide practical solutions and to help keep your business running safely.

The Lumidor range of portable gas detection













MicroMAX Pro

MicroMAX +

MicroMAX PID

Minimax XT

Minimax XP

Minimax X4

MicroMAX range

With lifetime warranties*, the MicroMAX range offers the most robust microprocessor controlled multi-gas monitors available. Providing all the personal gas protection features you require, MicroMAX monitors can handle the very toughest working conditions.

'Lifetime warranty excludes sensors, batteries and pump.

Minimax range

The Minimax range provides personal single and multi-gas protection and operational compliance in industrial environments. They are ideal for people working in areas that are not easily accessible and/or where fixed detection systems are not installed or not practical.



Impact and Impact Pro

Impact and Impact Pro are ideal for providing personal protection against gases in tough environments, especially in confined spaces where entry and exit may be difficult. The Impact range provides easy and economical means of personal gas detection to meet compliance requirements. The Safelink Entrant/Attendant function ensures safe working practices are followed.





The Enforcer helps you to easily (and cost-effectively) comply with regulations requiring the regular testing of instruments. Because it can calibrate Impact multi-gas monitors within less than two minutes, the instruments are always ready for use. It also reduces cost by avoiding the need for specialist knowledge and equipment, or sub-contracting to expensive third parties, which also adds delays.

Safelink adds an extra safety dimension, enabling two-way communication in difficult areas. Easy to use, the system links two Impact Pro multi-gas monitors together, allowing a co-worker in a confined space to be monitored remotely, as well as providing a way of exchanging messages.

Find out more

www.honeywellanalytics.com

Customer business centre Europe and the rest of the world

Honeywell Analytics AG Wilstrasse 11-U11 CH-8610 Uster Switzerland

Tel: +41 (0)44 943 4300 Fax: +41 (0)44 943 4398 sales@zelana.co.uk

Customer business center Americas

Honeywell Analytics Distribution, Inc. 400 Sawgrass Corporate Pkwy Suite 100

Sunrise, FL 33325

USA

Tel: +1 954 514 2700 Toll free: +1 800 538 0363 Fax: +1 954 514 2784

sales@zelana.com

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H_Minimax XP_V1 12/05 © 2005 Honeywell Analytics

