Lumidor Minimax XT

Minimax XT is a single gas detector with two-year, always-on operation, durable IP67 casing and Real Time display option

Minimax XT

Cost Effective
- No calibration required
- Unit may be calibrated if site procedures necessitate
- Remaining lifetime display enables planned replacement
- 24 month continuous operation
- Low cost investment

Easy to Use
- Out-of-the-box solution
- Interactive Training Guide available
- One button operation

Excellent EMC/RFI performance
- No false alarms due to common radio interference or cell phones
- Complies with toughest industrial standards for RF immunity and EM compatibility

Reliable Operation
- Uses patented SureCell™ (CO and H_2S only) and Reflex* technology
- Stable and accurate gas readings
- Intrinsically safe

Compact Design
- Small ergonomic design
- Lightweight
- Comfortable to wear

Durable housing
- Dust & Waterproof to IP67
- Rugged and impact resistant
- Weather resistant

Versatile clip design
- Belt clip and lanyard prevents accidental loss
- Optional crocodile clip design

Large Display
Uses distinctive icons to illustrate:
- Battery life status
- Actual gas reading during alarm – or Real Time Display option
- Peak reading and when it occurred
- Remaining lifetime
- Alarm status
- Test status

Demanding Alarms
- Distinctive audible alarm
- Rapid flashing alarm alerts user of danger
- Vibrating alarm signals alarm in progress
- Low battery alarm – indicates unit nearing end of life

Minimax XT is the result of customer inspired partnerships. The unit is technically crafted to be, quite simply, the easiest and most cost effective to use single gas detector on the market. Utilizing patented sensing technologies, the Minimax XT provides 24/7 user confidence. That means solid, reliable, continuous protection...always.

Lumidor identified that the market demanded more than tiny good looks in a single gas. Our valued partners said that in addition to a small and rugged design, single gas monitors must offer simple operation and most importantly, reliable, and accurate readings – without false alarms triggered by common radio interference.

Simple one button operation reduces time consuming and costly training issues. Our unique Temperature Compensation and Cell Output Decay Compensation features ensure improved accuracy across wide temperature ranges, providing our 2 year, no calibration needed facility.

Also available with real-time display
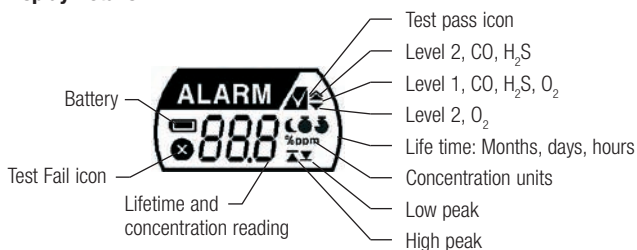
General Specification

Standard Specification

General	Disposable single gas monitor for the protection of personnel against toxic and Oxygen gas hazards			
Maximum Operating Life	2 years after activation			
Shelf Life	12 months before activation (CO and H_2S), 6 months before activation (O_2)			
Sensor Range	Carbon Monoxide CO	0-200 ppm		
	Hydrogen Sulphide H_2S	0-100 ppm		
	Oxygen O_2	0-25.0%v/v		
Alarm Set Points		Level 1		Level 2
	CO	35 ppm		100 ppm
	H_2S	10 ppm		15 ppm
	O_2	23.5%		19.5%
Calibration	CO/H_2S	Zero adjustment (optional Span)		
	O_2	Span adjustment		
Operating Temperature	-4°F to +122°F (-20°C to +50°C)			
Humidity	5-95% RH (non-condensing)			
Audible Alarm	95db at 4in (10cm)			
Visual Alarm	High intensity red LEDs			
Vibrating Alarm	Supplied as standard			
Display	Custom LCD			
Sensor Type	Electrochemical			
Battery	3.6V non-replaceable Lithium battery			
IP Rating	IP67 (NEMA 4 & 6)			
Intrinsic Safety	Europe: EEx ia IIB T4 (CENELEC) UL/cUL: Class 1, Div 1, Groups A, B, C, D T4			
RFI/EMC	CE EN50270:1999 and EN55011			
Dimensions	3.4"(H) x 2"(W) x 1.1"(D) (87mm x 50mm x 27mm)			
Weight	CO/H_2S	73g (2.57oz)		
	O_2	82.3g (2.90oz)		

*Reflex™ not available for all sensors

Display Details

Battery

Test Fail icon

Lifetime and concentration reading

ALARM

Test pass icon

Level 2, CO, H_2S

Level 1, CO, H_2S, O_2

Level 2, O_2

Life time: Months, days, hours

Concentration units

Low peak

High peak

Honeywell Analytics Lines of Business

Commercial

Vulcain-brand gas detection from stand-alone units to fully engineered, multi-point systems, all offering cost-effective regulatory compliance

» Applications: parking structures, chillers, mechanical rooms, office towers, commercial buildings, shopping centers, swimming pools, golf courses, schools and universities, laboratories

Industrial

Renowned Sieger and Manning gas detection systems with advanced electrochemical, infrared and open path sensing technologies

» Applications: oil and gas, cold storage, water/wastewater treatment, chemicals, engine rooms, plastics and fibers, agriculture, printing and light industrial

Portables

Single or multi-gas Lumidor and other premium detectors with compact, lightweight designs ranging from simple alarm only units to advanced, fully configurable and serviceable instruments

» Applications: underground utility and electricity ducts, boiler rooms, post-fire sites, sewers, industrial plants, industrial hygiene, first responder teams, remote fleets

High Tech/Government

A complete portfolio of gas and chemical detection instrumentation including infrared spectroscopy (MST) with no cross interference, to Chemcassette paper-based solutions (MDA Scientific) offering detection down to parts per billion

» Applications: semiconductor manufacturing and nanotechnology, aerospace propulsion and safety, specialty chemicals industry, research laboratories, emergency response

Technical Services

24/7 global network includes post-sales service and Systems Integration teams

» Emergency call out, service contracts, on/off-site repair, training and commissioning
» Complete range of spares, consumables and accessories

Find out more
www.honeywellanalytics.com

Contact Honeywell Analytics:

Americas
Honeywell Analytics Inc.
405 Barclay Blvd.
Lincolnshire, IL 60069
USA
Tel: +1 847 955 8200
Toll free: +1 800 538 0363
Fax: +1 847 955 8210
detectgas@honeywell.com

Technical Services
ha.us.service@honeywell.com

www.honeywell.com

Europe, Middle East, Africa
Life Safety Distribution AG
Wilstrasse 11-U31
CH-8610 Uster
Switzerland
Tel: +41 (0)44 943 4300
Fax: +41 (0)44 943 4398
gasdetection@honeywell.com

Asia Pacific
Honeywell Analytics Asia Pacific
#508, Kolon Science Valley (l)
187-10 Guro-Dong, Guro-Gu
Seoul, 152-050
Korea
Tel: +82 (0)2 2025 0307
Fax: +82 (0)2 2025 0329
analytics.ap@honeywell.com

Honeywell