

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
- Provided with an 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 RFI immunity and EMC compatibility reliable operation

Reliable Operation

- Uses patented SureCell™ (CO and H₂S only) and Reflex* technology
- Stable and accurate gas readings
- Intrinsically safe

Compact Design

- Small ergonomic design
- Lightweight
- Comfortable to wear

Durable housing

- Waterproof to IP67
- Rugged and impact resistant
- Weather resistant

Versatile clip design

- Includes crocodile clip - clips anywhere to prevent accidental loss

Large Display

Uses distinctive icons to illustrate:

- Battery life status
- Actual gas reading during alarm
- Peak reading and when it occurred
- Remaining lifetime
- Alarm status
- Test status

Demanding Alarms

- Distinctive two-tone 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 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 comprehensive sensor options, 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.



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 ₂ S), 6 months before activation (O ₂)				
Sensor Range	Carbon Monoxide CO	0 to 1000 ppm (display: 0-200 ppm)			
	Hydrogen Sulphide H ₂ S	0 to 100 ppm (display: 0-100 ppm)			
	Oxygen O ₂	0 to 30%v/v (display: 0-25.0%v/v)			
Alarm Set Points (Note: Other alarm settings are available upon request)	CO	Level 1	35 ppm	Level 2	100 ppm
	H ₂ S		10 ppm		15 ppm
	O ₂		23.5%		19.5%
Calibration	CO/H ₂ S	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 ₂ S	73g (2.57oz)			
	O ₂	82.3g (2.90oz)			
*Reflex™ not available for all sensors					

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

Display Details

