



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

Impulse 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
- One button operation
- Optional Interactive Training Guide available

Excellent EMC/RFI performance

- No false alarms due to walkie-talkies or mobile phones
- Exceeds with toughest industrial standards for RFI immunity and EMC compatibility

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

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

Versatile clip design

- Comes with crocodile clip – clips anywhere, prevents accidental loss

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 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

Impulse XT was inspired by customer needs and technically crafted to be quite simply the easiest and most cost effective to use personal single gas unit on the market. Utilising patented Surecell™ and Reflex™ technology, the Impulse XT provides 24/7 user confidence. That means solid, reliable and continuous protection... always.



Through our Customer Partner Program, Honeywell Analytics identified that the market demanded more than tiny good looks. 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, accurate readings – without false alarms triggered by common radio interference.

Simple one button operation reduces time consuming and costly training. 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.

Impulse XT is your out-of-the-box solution to simple, "XTra Sensory Detection."

General Specification

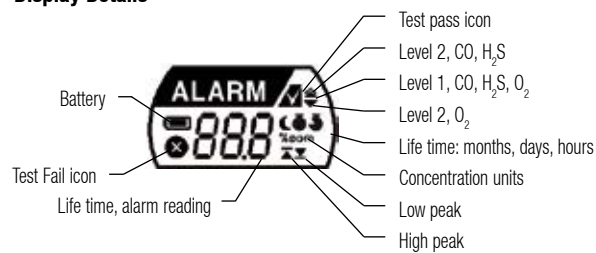


Standard Specification					
General	Disposable single gas monitor for the protection of personnel against toxic and Oxygen gas hazards				
Maximum operating life	2 years after activation				
Shelf life	12 months before activation (CO and H ₂ S), 6 months before activation (O ₂)				
Sensor range	Carbon Monoxide CO	0-1000ppm (display: 0-200ppm)			
	Hydrogen Sulphide H ₂ S	0-100ppm (display: 0-100ppm)			
	Oxygen O ₂	0-30.0% v/v (display: 0-25.0%v/v)			
Alarm set points	CO	Level 1	35ppm	Level 2	100ppm
	H ₂ S	Level 1	10ppm	Level 2	15ppm
	O ₂	Level 1	23.5%	Level 2	19.5%
Calibration	CO/H ₂ S	Zero adjustment (optional Span)			
	O ₂	Span adjustment			
Operating temperature	-20°C to +50°C (-4°F to 122°F)				
Humidity	5-95% RH (non-condensing)				
Audible alarm	95db at 10cm (4in)				
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), II 2G EEx ia IIC T4 (ATEX) North America: Class 1, Div 1, Groups A, B, C, D T4 (UL/cUL)				
RFI/EMC	CE EN50270:1999 and EN55011				
Dimensions	87mm x 50mm x 27mm (3.4"(H) x 2"(W) x 1.1"(D))				
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



Our Product Range



Fixed Gas Monitoring

Honeywell Analytics offers a wide range of fixed gas detection solutions for a diverse array of industries and applications including: Commercial properties, industrial applications, semiconductor manufacturers, energy plants and petrochemical sites.

- » Detection of flammable, Oxygen and toxic gases (including exotics)
- » Innovative use of four core sensing technologies – paper tape, electrochemical cell, catalytic bead and infrared
- » Capability to detect down to Parts Per Billion (ppb) or Percent by Volume (%v/v)
- » Cost effective regulatory compliance solutions

Portable Gas Monitoring

When it comes to personal protection from gas hazards, Honeywell Analytics has a wide range of reliable solutions ideally suited for use in confined or enclosed spaces.

These include:

- » Detection of flammable, Oxygen and toxic gases
- » Single gas personal monitors – worn by the individual
- » Multi-gas portable gas monitors – used for confined space entry and regulatory compliance
- » Multi-gas transportable monitors – used for temporary protection of area during site construction and maintenance activities

Technical Services

At Honeywell Analytics, we believe in the value of great service and customer care. Our key commitment is providing complete and total customer satisfaction. Here are just a few of the services we can offer:

- » Full technical support
- » Expert team on hand to answer questions and queries
- » Fully equipped workshops to ensure quick turnaround on repairs
- » Comprehensive service engineer network
- » Training on product use and maintenance
- » Mobile calibration service
- » Customised programmes of preventative/corrective maintenance
- » Extended warranties on products



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