



**Impulse XT single gas detection delivery advanced, full feature functionality and user configurability**

# Impulse XT



## Cost Effective

- Waterproof to IP67
- 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 cell phones
- Exceeds with toughest industrial standards for RFI immunity and EMC compatibility

## Reliable Operation

- Uses patented SureCell (CO and H<sub>2</sub>S 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

## Versatile clip design

- Belt clip and lanyard prevents accidental loss
- Comes with crocodile clip – clips anywhere

## 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

**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. Utilizing 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

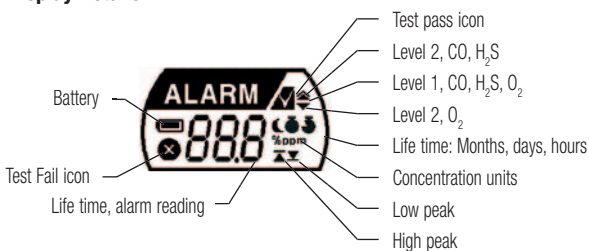


## Standard Specification

<b>General</b>	Disposable single gas monitor for the protection of personnel against toxic and Oxygen gas hazards			
<b>Maximum Operating Life</b>	2 years after activation			
<b>Shelf Life</b>	12 months before activation (CO and H <sub>2</sub> S), 6 months before activation (O <sub>2</sub> )			
<b>Sensor Range</b>	Carbon Monoxide CO	0 to 1000 ppm (display: 0-200 ppm)		
	Hydrogen Sulphide H <sub>2</sub> S	0 to 100 ppm (display: 0-100 ppm)		
	Oxygen O <sub>2</sub>	0 to 30%v/v (display: 0-25.0%v/v)		
<b>Alarm Set Points</b>	CO	Level 1	35 ppm	Level 2
	H <sub>2</sub> S		10 ppm	
	O <sub>2</sub>	23.5%	19.5%	
<b>Calibration</b>	CO/H <sub>2</sub> S	Zero adjustment (optional Span)		
	O <sub>2</sub>	Span adjustment		
<b>Operating Temperature</b>	-4°F to +122°F (-20°C to +50°C)			
<b>Humidity</b>	5-95% RH (non-condensing)			
<b>Audible Alarm</b>	95db at 10cm (4in)			
<b>Visual Alarm</b>	High intensity red LEDs			
<b>Vibrating Alarm</b>	Supplied as standard			
<b>Display</b>	Custom LCD			
<b>Sensor Type</b>	Electrochemical			
<b>Battery</b>	3.6V non-replaceable Lithium battery			
<b>IP Rating</b>	IP67 (NEMA 4 & 6)			
<b>Intrinsic Safety</b>	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)			
<b>RFI/EMC</b>	CE EN50270:1999 and EN55011			
<b>Dimensions</b>	3.4"(H) x 2"(W) x 1.1"(D) (87mm x 50mm x 27mm)			
<b>Weight</b>	CO/H <sub>2</sub> S	73g (2.57oz)		
	O <sub>2</sub>	82.3g (2.90oz)		

\*Reflex™ not available for all sensors

## Display Details



As World leaders in gas detection solutions, Honeywell Analytics' Neotronics 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 Neotronics range of portable gas detection



Impulse XT



Impulse XP



Impulse X4



Impact and Impact Pro



Enforcer



Safelink

### Impulse range

The Impulse 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 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](http://www.honeywellanalytics.com)

### Customer business centre

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