Neotronics Impulse XT

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_2S 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
- Comes with crocodile clip – clips anywhere, prevents 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

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.

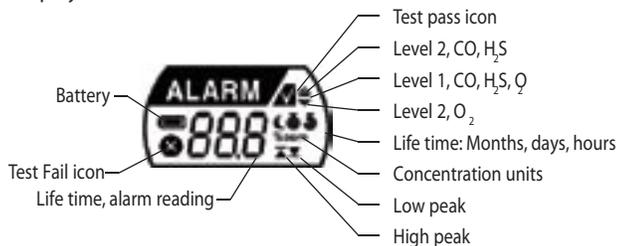Impulse XT is your out-of-the-box solution to simple, "XTra Sensory Detection."

IP67 RATED

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 activiation (O_2)				
Sensor Range	Carbon Monoxide CO		0 to 1000 ppm (display: 0-200 ppm)		
	Hydrogen Sulphide H_2S		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	CO	Level 1	35 ppm	Level 2	100 ppm
(Note: Other alarm settings are available upon request)	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 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: II 2G EEx ia IIC T4 (ATEX). Australia: Ex ia IIC T4 North America: Class 1, Div 1, Groups A, B, C, D T4 (UL/cUL)				
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 aviable for all sensors

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

Display Details

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

Battery
Test Fail icon
Life time, alarm reading

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

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