

PRODUCT DATA

impulse^{XT}

The XTraordinary single gas detector from Zellweger Analytics.

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 well-known Customer Partner Program, Zellweger Analytics 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, 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.”

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 Product Guide
- One button operation

Excellent EMC/RFI performance

- No false alarms due to walkie talkies or cell phones
- Complies 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
- Water resistant

Versatile clip design

- Clips anywhere
- Optional crocodile clip design

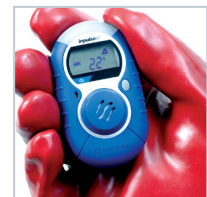
Large Display

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



Z mda scientific

Z neotronics

Z sieger

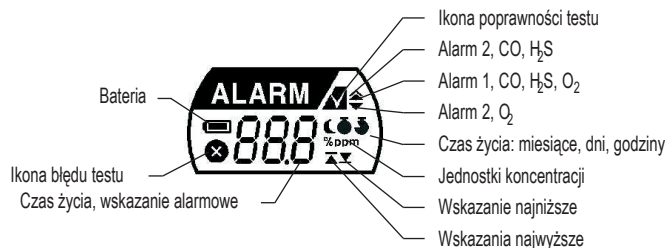
General Specification

Standard Specification

Maximum Operating Life	2 years after activation		
Sensor Range	CO	0 to 1000 ppm (display: 0-200 ppm)	
	H ₂ S	0 to 100 ppm (display: 0-100 ppm)	
	O ₂	0 to 30%v/v (display: 0-25.0%v/v)	
Alarm Set Points	CO	35 ppm	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	
Shelf Life	12 months before activation (CO and H ₂ S), 6 months before activation (O ₂)		
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	IP54		
Intrinsic Safety	Europe: EEX ia IIC T4 (ATEX) 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

Display Details



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