



A rugged, portable single gas detector with IP66/67 rating, datalogging and docking with Honeywell's automatic test and calibration system.

XD Single Gas Detector



Reliable, Practical and Economical

- Available for toxic gases including H₂S, CO, O₂, SO₂, PH₃, Cl₂, NH₃ and HCN
- Easy-to-read LCD shows real-time gas concentration
- Small, lightweight design
- 2-year battery life with replaceable 3V camera battery
- Durable, trouble-free operation
- Low cost of ownership

Easy to Use

- Plug-in, replaceable sensor
- Simple auto zero and calibration procedure
- Large, easy-to-read backlit display (auto and on-demand) is ideal for low-light conditions

Durable Housing

- Water and dust-resistant
- Built-in concussion-proof boot

Versatile Design

- Heavy-duty, alligator-style belt-clip included

Excellent Performance

- Peak value displayed on command (in ppm or %vol)
- Self checks for sensor, battery and circuitry integrity
- Low, High, TWA and STEL alarms with adjustable set-points
- Data-logging and multi-language support
- UL, cUL, ATEX, IECEx approvals

Demanding Alarms

- Audible, vibrating and visual alarms

The XD Single Gas Detector is designed for the most adverse conditions. It offers a wide range of user selectable options, replaceable battery and can monitor a variety of toxic hazards. The XD is compatible with Honeywell's MicroDock II automatic test and calibration system.

Compact and affordable, the XD gas detectors are available for a wide variety of atmospheric hazards. The XD gas detector is IP66/67 rated and fully immersible, EMI / RFI resistant housing, built-in concussion-proof boot. An extra-loud audible alarm, flashing LED light bars, and internal vibrator alerts users to hazardous conditions. The large, easy-to-read display includes a built-in backlight that ensures readings can be viewed even in dim light conditions. An easy-to-change 3V camera battery provides up to two years of continuous operation.

The XD gas detector clearly warns of the gas hazard present—Low, High, TWA and STEL gas alarm. Recorded TWA, STEL and peak exposures can be displayed on demand.

XD gas detectors have datalogging and multi-language support, a built-in IR COM port for automatic data transfer to a computer or MicroDock II docking station module. No wires necessary!

The XD gas detector continues the proud Honeywell product tradition of cutting-edge features, trouble-free operation, durability, and a low cost of ownership.



General specifications



XD Gas Detector for:	Measuring Range	Alarm Setpoints ¹ (Factory defaults are shown. Alarm levels are field-adjustable.)				Relative Humidity non-condensing	Operating Temperature
		TWA Alarm	STEL Alarm	Low Alarm	High Alarm		
Hydrogen Sulfide (H ₂ S)	0-100 ppm	10 ppm	15 ppm	10 ppm	15 ppm	15-90	-40 to +122 °F -40 to +50 °C
Hydrogen Sulfide (H ₂ S)	0-500 ppm	10 ppm	15 ppm	10 ppm	15 ppm	15-90	
Sulfur Dioxide (SO ₂)	0-100.0 ppm	2.0 ppm	5.0 ppm	2.0 ppm	5.0 ppm	15-90	
Hydrogen Cyanide (HCN)	0-30.0 ppm	4.7 ppm	10.0 ppm	4.7 ppm	10.0 ppm	15-90	
Carbon Monoxide (CO)	0-1000 ppm	35 ppm	200 ppm	35 ppm	200 ppm	15-90	-22 to +122 °F -30 to +50 °C
Ammonia (NH ₃)	0-400 ppm	25 ppm	35 ppm	25 ppm	50 ppm	15-90	-4 to +104 °F -20 to +40 °C
Chlorine (Cl ₂)	0-50.0 ppm	0.5 ppm	1.0 ppm	0.5 ppm	1.0 ppm	10-95	
Phosphine (PH ₃)	0-5.0 ppm	0.3 ppm	1.0 ppm	0.3 ppm	1.0 ppm	15-90	-4 to +122 °F -20 to +50 °C
Oxygen (% vol) (O ₂)	0-30.0%	N/A	N/A	19.5 %	22.5%	0-99	

Use:	Portable single-gas monitor for the protection of personnel against gas hazards
Available to detect:	H ₂ S, CO, O ₂ , SO ₂ , Cl ₂ , HCN, NH ₃ and PH ₃
Display:	Ultra-clear backlit, alphanumeric display advises: Gas ppm or % (continuously displays gas concentration present); TWA and STEL ppm or % (records and displays on demand); Peak ppm or % (records and displays peak (maximum) exposure to gas on demand) Set-points (displayed on activation (auto) and after calibration in ppm or %)
Weight:	2.9 oz. (82 grams)
Dimensions:	1.1 x 2.0 x 3.75 in. (28 x 50 x 95 mm)
Storage:	Up to 8 months of continuous data at 5 second intervals (based on a normal work week). When full, wraparound memory feature replaces oldest data with most recent data.
Battery:	3V replaceable lithium (Energizer CR2 with 2-year typical battery life)
Audible Alarm/Indicators:	Two levels, high-output, pulsing 95 dB at 1 ft./0.3m; Periodic confidence beep every 5 seconds (field selectable on/off)
Vibrating Alarm:	Vibrates in sync with audible and visual alarms
Visual Alarm:	4 High-intensity red LEDs, plus alarm LCD readout
IP Rating:	IP 66/67
Sensor Type:	Electrochemical (replaceable)
Calibration:	Automatic (stand alone or with MicroDock II)
Event Logging:	Records and transmits up to 10 gas alarm events. Event information: gas type, peak exposure level (ppm or %vol); alarm duration in minutes and seconds; time elapsed since the alarm occurred in days, hours and minutes. Transmission method: via infrared port to USB PC adapter.
EMI/RFI	Complies with EMC Directive 89/336/EEC
Intrinsic Safety Approvals:	UL, cUL; ATEX, IECEx
Warranty:	2 years including sensor except NH ₃ (one year)

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Vulcain-brand gas detection from stand-alone units to fully engineered, multi-point systems, all offering cost-effective regulatory compliance

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- » Applications: underground utility and electricity ducts, boiler rooms, post-fire sites, sewers, industrial plants, industrial hygiene, first responder teams, remote fleets



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