

MSA - THE SAFETY COMPANY

## PERSONAL MULTIGAS DETECTORS With XCell Sensors

### Model 4X

- Four-year sensor life; instrument end-of-sensor-life warning
- Sensor response and clear times under 15 seconds
- Span calibration time of 60 seconds
- MotionAlert™ feature: when enabled, activates a “man down” alarm if no motion is detected for 30 seconds
- InstantAlert™ feature: allows users to manually activate an audible alarm to alert those around them to potentially dangerous situations
- Digital output of sensors makes them less susceptible to RF interference
- Good signal stability and repeatability under changing or extreme environmental conditions
- Two-tox CO/H<sub>2</sub>S sensor with virtually no cross-channel interference



Dimensions (L x W x D)	4.4" x 3.0" x 1.31"
Weight	7.9 oz.
Drop Test	20 ft.
Audible Alarm	>95 dB at 1 ft.
Visual Alarm	4 ultra-bright LEDs
Vibrating Alarm	Standard
Battery	Rechargeable li-polymer
Run Time	24 hrs. at room temp.
Charging Time	< 4 hrs.
Operating Temp. Range	-20°C to +50°C
Ingress Protection	IP67
Data Log	(Adjustable) 50 hour min.
Event Log	Standard 500 events

Gas	Range	Resolution
LEL*	0-100%	1%
O <sub>2</sub>	0-30% Vol.	0.1% Vol.
H <sub>2</sub> S	0-200 ppm	1 ppm
CO	0-1999 ppm	1 ppm
SO <sub>2</sub>	0-20 ppm	0.1 ppm

\* Combustible Gas

Approvals			Configuration	Case Color
U.S./Can.	ATEX	ANZ		
10107602	10110453	10110447	LEL, O <sub>2</sub> , CO, H <sub>2</sub> S	Charcoal
10107603	10110456	10110450	LEL, O <sub>2</sub> , CO, H <sub>2</sub> S	Phosphorescent
10110443	10110454	10110448	LEL, O <sub>2</sub> , CO	Charcoal
10110445	10110457	10110451	LEL, O <sub>2</sub> , CO	Phosphorescent
10110444	10110455	10110449	LEL, O <sub>2</sub>	Charcoal
10110446	10110458	10110452	LEL, O <sub>2</sub>	Phosphorescent

Includes 4X Detector with data logging, charger, calibration cap &amp; tubing

### Model 5X

- Internally-integrated pump
- Four-year sensor life; instrument end-of-sensor-life warning
- MotionAlert feature: when enabled, activates a “man down” alarm if no motion is detected for 30 seconds
- InstantAlert feature: allows users to manually activate an audible alarm to alert those around them to potentially dangerous situations
- Interchangeable plug-and-play sensor slots
- Color or monochrome display options
- 60-second span calibration time for LEL, O<sub>2</sub>, H<sub>2</sub>S, CO and SO<sub>2</sub>
- Sensor response and clear times under 15 seconds on LEL, O<sub>2</sub>, H<sub>2</sub>S, CO and SO<sub>2</sub>
- Good signal stability and repeatability under changing or extreme environmental conditions



Dimensions (H x W x D)	6.69" H x 3.49" W x 1.79"D
Weight	1 lb.
Drop Test	10 ft.
Audible Alarm	>95 dB typical
Visual Alarm	2 ultra-bright LEDs on top
Vibrating Alarm	Standard
Battery	Rechargeable li-ion or Alkaline
Run Time	20 hrs. at room temperature
Charging Time	≤ 6 hrs.
Operating Temp. Range	-20°C to +50°C
Ingress Protection	IP65
Data Log	> 200 hrs.
Event Log	> 1000 events

Gas	Range	Resolution
LEL*	0-100%	1%
O <sub>2</sub>	0-30% Vol.	0.1% Vol.
CO	0-2000 ppm	1 ppm
H <sub>2</sub> S	0-200 ppm	1 ppm
SO <sub>2</sub>	0-20 ppm	0.1 ppm
Cl <sub>2</sub>	0-10 ppm	0.1 ppm
NH <sub>3</sub>	0-100 ppm	1 ppm
NO <sub>2</sub>	0-20 ppm	0.5 ppm
ClO <sub>2</sub>	0-1 ppm	0.01 ppm
PH <sub>3</sub>	0-5 ppm	0.1 ppm
HCN	0-30 ppm	0.1 ppm
CO <sub>2</sub>	0-10% Vol.	0.01% Vol.

\* Combustible Gas

Approvals		Configuration	Includes
U.S.	Canada		
10116924	10115118	LEL, O <sub>2</sub> , CO, H <sub>2</sub> S	5X Detector with monochrome display, data logging, charger, integral pump and tubing
10116925	10115119	LEL, O <sub>2</sub> , CO, H <sub>2</sub> S, SO <sub>2</sub>	
10116926	10115120	LEL, O <sub>2</sub> , CO, H <sub>2</sub> S	5X Detector with monochrome display, integral pump, 10 ft. sampling line and 1 ft. probe
10116927	10115141	LEL, O <sub>2</sub> , CO, H <sub>2</sub> S, SO <sub>2</sub>	
10116928	10115142	LEL, O <sub>2</sub> , CO, H <sub>2</sub> S	5X Detector with color display, integral pump, 10 ft. sampling line and 1 ft. probe
10116929	10115143	LEL, O <sub>2</sub> , CO, H <sub>2</sub> S, SO <sub>2</sub>	



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