



# ALTAIR® 4XR Multigas Detector

Rugged. Reliable.



WE KNOW WHAT'S AT STAKE.

# SAFETY AT THE *SPEED OF NOW*

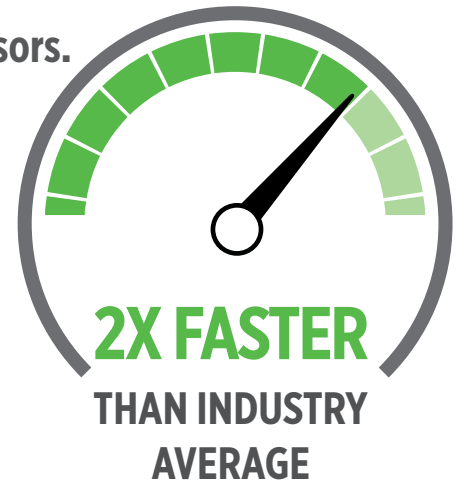


## BE SAFER

With rapid-response sensors.

- LEL
- CO
- O<sub>2</sub>
- SO<sub>2</sub>
- H<sub>2</sub>S
- NO<sub>2</sub>

POWERED BY  
**XCell**  
SENSORS



## FLEET MANAGER COMPATIBLE

### INFORMATION ACCESS

- Receive a daily e-mail notification about your fleet's status. Quickly discern what needs your attention and take action.
- Access your fleet information easily – at anytime and from anywhere.
- Find, download and share reports as you need them—calibrations, detector records or alarms.



### FLEET COMPLIANCE

- Ensure your gas detectors are ready for work (bump tested, calibrated and with sensors functioning properly). Reduce downtime.
- Proactively decommission any equipment that requires maintenance.
- Understand which equipment are in use (by whom) and which ones are available.



**MILITARY**  
**MIL STD**  
810G - 516.6  
**DROP-TESTED**

**25 drops**  
from 4-ft (1.2m)

**MSA**  
The Safety Company

**25-ft (7.5m)**  
drop onto concrete

**IP68**  
Waterproof to 6-ft (2m)  
for 1 hr

**+140° F**  
(+60° C)

**-40° F**  
(-40° C)

**BUILT TO WORK WHEREVER YOU WORK**

**FAST, EFFICIENT MAINTENANCE**

1/2 Time + 1/2 Test Gas

**COMPLIANCE AT A GLANCE**

Bumped Not Bumped

**GUARANTEED PERFORMANCE**

Instrument & Sensor Warranty



## Specifications and Order Information

Specification	Description		
<b>GAS TYPES</b>	Gas	Range	Resolution
	LEL	0-100%	1%
	O <sub>2</sub>	0-30%	0.1%
	CO	0-1999 ppm	1 ppm
	H <sub>2</sub> S	0-200 ppm	1 ppm
	H <sub>2</sub> S-LC	0-100 ppm	0.1 ppm
	SO <sub>2</sub>	0-20 ppm	0.1 ppm
	NO <sub>2</sub>	0-50 ppm	0.1 ppm
<b>WARRANTY</b>	4 years (+ optional 1-year extension)		
<b>DURABILITY</b>	25 ft. (7.5 m) drop protection MIL-STD-810G drop protection Certified IP68 rating		
<b>TEMPERATURE RANGE</b>	-40°F to +140°F -40°C to +60°C		
<b>RELATIVE HUMIDITY</b>	5% - 95% intermittent 15% - 90% non-condensing		
<b>POWER</b>	Rechargeable Li-polymer battery 24-hour run-time < 4 hour charge time		
<b>PHYSICAL</b>	4.4 " x 3.0" x 1.4" 11 cm x 7.6 cm x 3.5 cm 8 oz (228 g)		
<b>DATALOGGING</b>	> 50 hours (adjustable) > 500 event logs		

<b>ALTAIR 4XR Gas Detector</b>			
Configuration	Case Color	USA/CAN	ATEX
LEL, O <sub>2</sub> , CO, H <sub>2</sub> S	Charcoal	10178557	10178573
LEL, O <sub>2</sub> , CO, H <sub>2</sub> S	Phosphorescent	10178558	10178569

Need something different? Contact MSA for options.

<b>Kits with ALTAIR (LEL, O<sub>2</sub>, CO, H<sub>2</sub>S &amp; Charcoal Case)</b>	
34 liter gas cylinder (1.45% CH <sub>4</sub> , 15% O <sub>2</sub> , 60 ppm CO, 20 ppm H <sub>2</sub> S) Regulator (0.25 l/min)	10178356
ALTAIR Pump Probe 34-liter gas cylinder (1.45% CH <sub>4</sub> , 15% O <sub>2</sub> , 60 ppm CO, 20 ppm H <sub>2</sub> S) Regulator (0.25 l/min)	10178357

<b>MSA GALAXY® GX2 Automated 4XR Test Stands for 1 Gas Cylinder</b>				
Integrated 4XR Charger	N. America	Europe	UK	Australia
Yes	10128630	10128639	10128659	10128669
No	10128642	10128651	10128661	10128671

Need to accommodate multiple cylinders? Contact MSA for options.

<b>Calibration Gas</b>		<b>XCell Sensor Replacement Kits</b>	
1.45% CH <sub>4</sub> , 15% O <sub>2</sub> , 60 ppm CO, 20 ppm H <sub>2</sub> S			
34-liter cylinder	10048280	EX Combustible	10106722
58-liter cylinder	10045035	O <sub>2</sub>	10106729
		CO/H <sub>2</sub> S	10106725
		CO/H <sub>2</sub> S-LC	10121213
		CO-H <sub>2</sub> /H <sub>2</sub> S	10121214
		SO <sub>2</sub> /H <sub>2</sub> S-LC	10121215
		CO/NO <sub>2</sub>	10121217

Don't need a charger? Contact MSA for options.

## Certifications

### North America

#### USA

Class I, Division 1, Groups A, B, C & D Class II  
Division I, Groups E, F, & G Class III, Division I  
Ambient temperature: -40°C to +60°C; T4

#### Canada CSA

CAN/CSA C22.2 No. 152 Combustible Gas Detection  
Instruments C22.2 No. 152  
Performance Ambient Temperature:  
-20°C to +54°C; T4  
C22.2 No. 157 Intrinsic Safety Ambient Temperature:  
-40°C to +54°C; T4

### Europe

Directive 2014/34/EU (ATEX): II 1G Ex ia da IIC T4 Ga,  
-40°C to +60°C, IP68  
CE 0080  
Directive 2014/30/EU (EMC): EN50270 Type 2,  
EN61000-6-3

### IEC

IECEX  
Ex ia da IIC T4 Ga, -40°C to +60°C, IP68

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

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