

# ALTAIR<sup>®</sup> 4XR

## Multigas Detector



Real-time. Rugged. Reliable.

*Because every life has a **purpose...***

# 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**<sup>®</sup>  
SENSORS



**2X FASTER**

THAN INDUSTRY  
AVERAGE

## WORK SMARTER

With the ALTAIR Connect app.

- Update detector settings
- Email calibration details
- Create notification groups
- Get compliance reminders



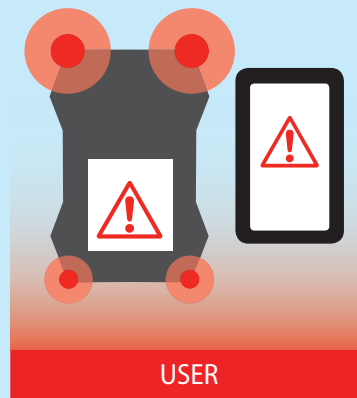
ALTAIR<sup>®</sup> Connect



## STAY CONNECTED

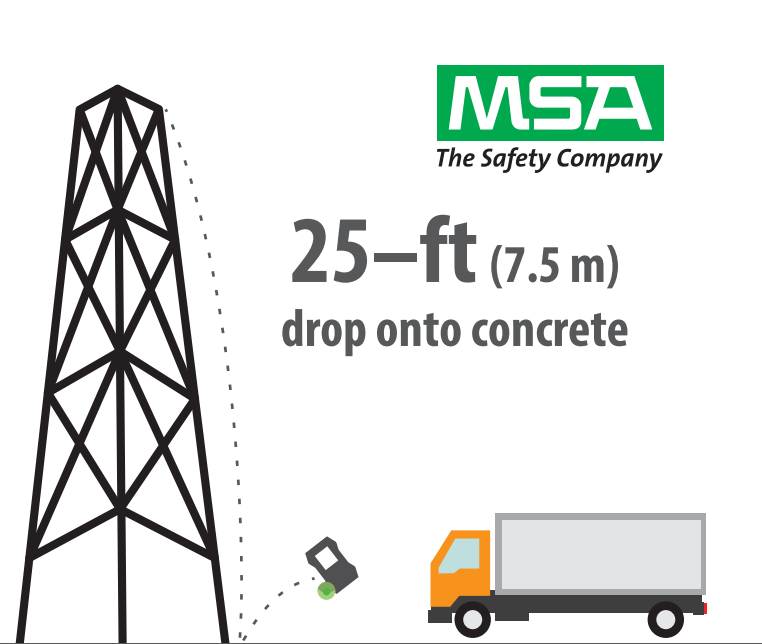
With alerts from the field.

- Live gas readings
- InstantAlert<sup>™</sup> distress calls
- MotionAlert<sup>™</sup> man-down alarms
- Non-compliance warnings



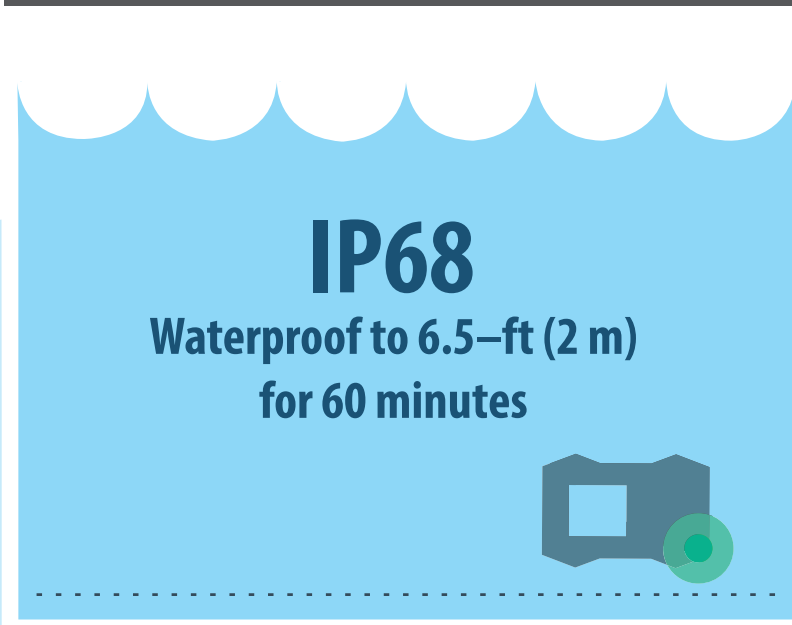


**25 drops**  
from 4-ft (1.2 m)

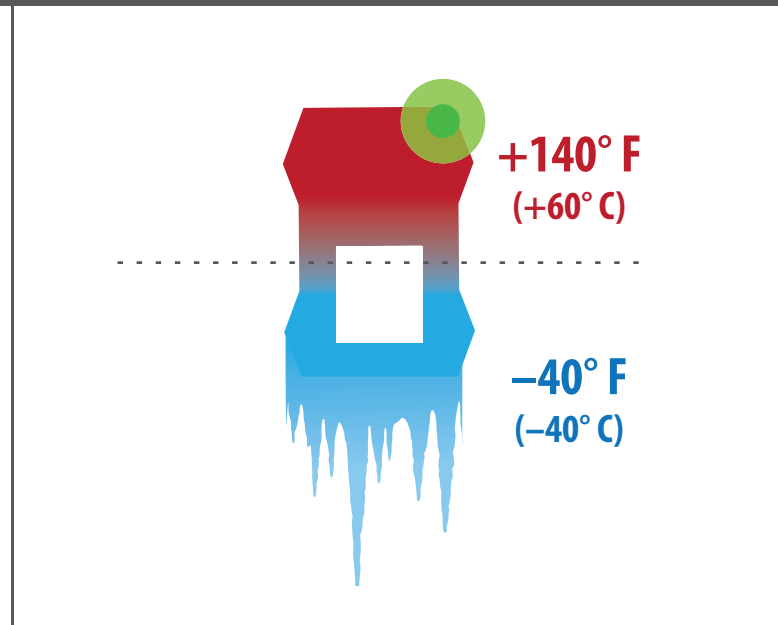


**MSA**  
The Safety Company

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



**IP68**  
Waterproof to 6.5-ft (2 m)  
for 60 minutes



**+140° F**  
(+60° C)

**-40° F**  
(-40° C)

# BUILT TO WORK WHEREVER YOU WORK

## FAST, EFFICIENT MAINTENANCE



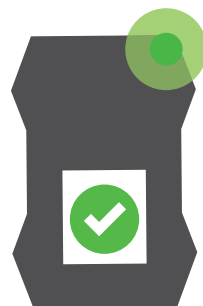
1/2 Time

+

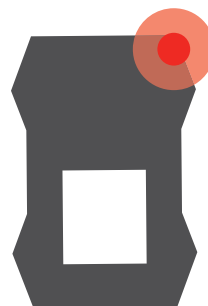


1/2 Test Gas

## COMPLIANCE AT A GLANCE



Bumped



Not Bumped

## GUARANTEED PERFORMANCE



Instrument & Sensor Warranty

# Specifications & Order Information

Specification	Description		
GAS TYPES	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
WARRANTY	4 years (+ optional 1-year extension)		
DURABILITY	25-foot (7.5 m) drop protection MIL-STD-810G drop protection Certified IP68 rating		
TEMPERATURE RANGE	–40 °F to +140 °F –40 °C to +60 °C		
RELATIVE HUMIDITY	5 % – 95 % intermittent 15 % – 90 % non-condensing		
POWER	Rechargeable Li-polymer battery 24-hour run-time < 4 hour charge time		
PHYSICAL	4.4" x 3.0" x 1.4" 11 cm x 7.6 cm x 3.5 cm 8 oz (228 g)		
DATALOGGING	> 50 hours (adjustable) > 500 event logs		

ALTAIR 4XR Gas Detector Part Numbers			
Configuration	Case Color	North America	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

MSA GALAXY GX2 Automated 4XR Test Stands for 1 Gas Cylinder				
Integrated 4XR Charger	North America	Europe	UK	Australia
Yes	10128630	10128639	10128659	10128669
No	10128642	10128651	10128661	10128671

Calibration Gas	
1.45% CH <sub>4</sub> , 15% O <sub>2</sub> , 60 ppm CO, 20 ppm H <sub>2</sub> S	
34-liter cylinder	10128160
58-liter gas cylinder	10053022
ALTAIR Pump Probe with charger	
For USA/Canada	10152669
For ATEX/IEC	10052668

XCell Sensor Replacement Kits	
EX Combustible	10106722
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

Additional ALTAIR 4XR versions, calibration gas cylinders, sensors and accessories are available.

Certifications		
<p><b>North America</b></p> <p><b>USA</b> Class I, Division 1, Groups A, B, C &amp; D Class II, Division 1, Groups E, F &amp; G Class III, Division 1 Ambient temperature: –40°C to +60°C; T4</p> <p><b>Canada CSA</b> 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</p>	<p><b>Europe</b></p> <p>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</p>	<p><b>IEC</b></p> <p>IECEx Ex ia da IIC T4 Ga, –40°C to +60°C, IP68</p>