

Ribble Enviro
...everything gas detection

Data Sheet

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Company No: 06140589 VAT No: GB 906 6241 34

ALTAIR[®] 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
- O₂
- SO₂
- H₂S
- NO₂

POWERED BY
XCell[®]
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



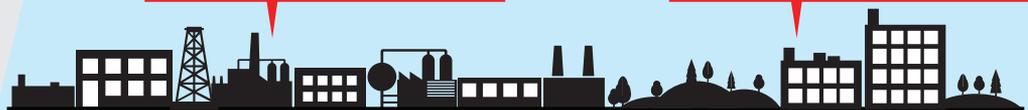
ALTAIR[®] Connect



STAY CONNECTED

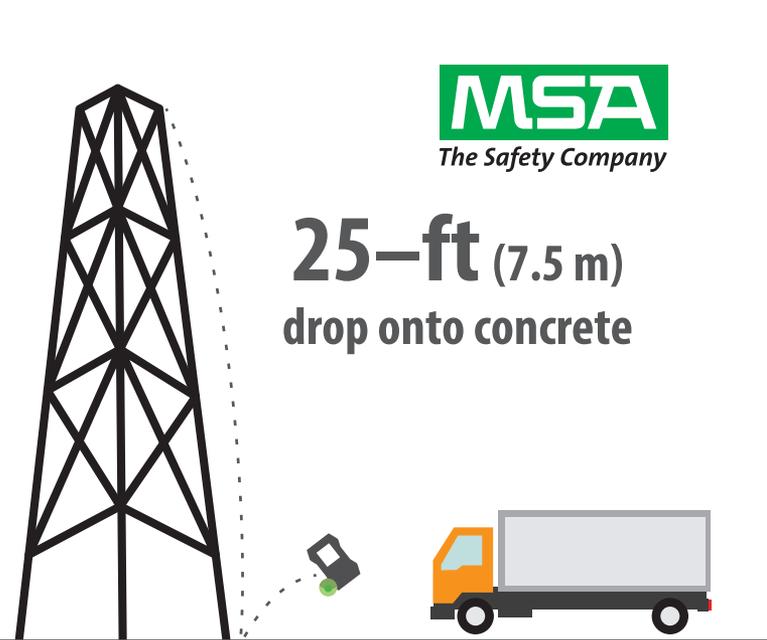
With alerts from the field.

- Live gas readings
- InstantAlert[™] distress calls
- MotionAlert[™] man-down alarms
- Non-compliance warnings



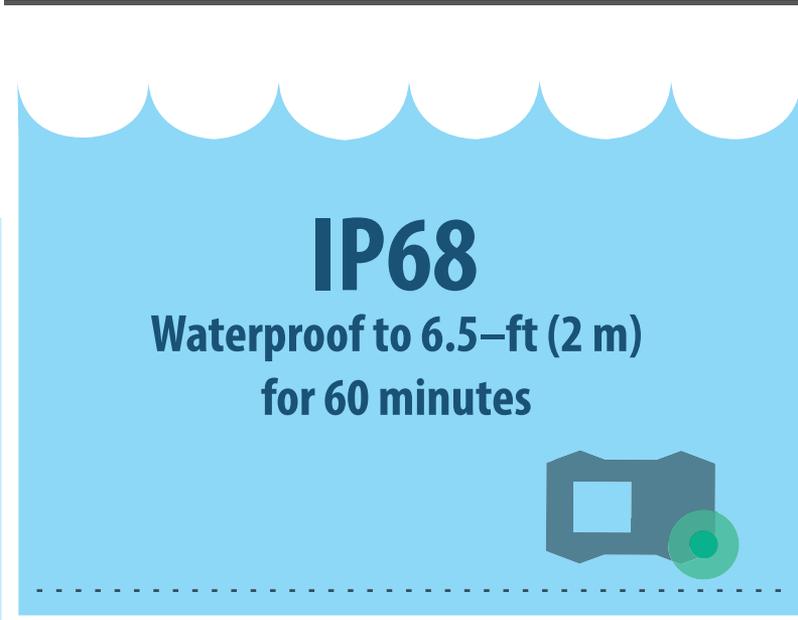


25 drops
from 4-ft (1.2 m)



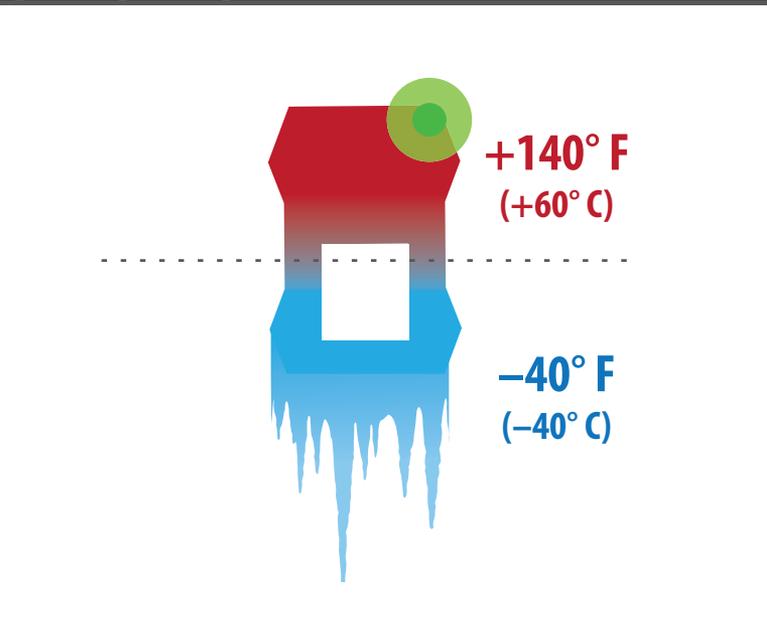
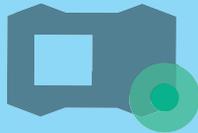
MSA
The Safety Company

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

+

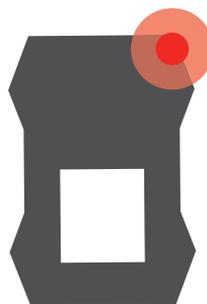


1/2 Test Gas

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 ₂	0–30 %	0.1 %
	CO	0–1999 ppm	1 ppm
	H ₂ S	0–200 ppm	1 ppm
	H ₂ S-LC	0–100 ppm	0.1 ppm
	SO ₂	0–20 ppm	0.1 ppm
	NO ₂	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 ₂ , CO, H ₂ S	Charcoal	10178557	10178573
LEL, O ₂ , CO, H ₂ 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 ₄ , 15% O ₂ , 60 ppm CO, 20 ppm H ₂ S	
34-liter cylinder	10128160
58-liter gas cylinder	10053022

XCell Sensor Replacement Kits	
EX Combustible	10106722
O ₂	10106729
CO/H ₂ S	10106725
CO/H ₂ S-LC	10121213
CO-H ₂ /H ₂ S	10121214
SO ₂ /H ₂ S-LC	10121215
CO/NO ₂	10121217

ALTAIR Pump Probe with charger	
For USA/Canada	10152669
For ATEX/IEC	10052668

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

Certifications		
<p>North America</p> <p>USA Class I, Division 1, Groups A, B, C & D Class II, Division 1, Groups E, F & G Class III, Division 1 Ambient temperature: –40°C to +60°C; T4</p> <p>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</p>	<p>Europe</p> <p>Directive 2014/34/EU (ATEX): II 1G Ex ia da IIC T4 Ga, –40°C to +60°C, IP68</p> <p>CE 0080 Directive 2014/30/EU (EMC): EN50270 Type 2, EN61000-6-3</p>	<p>IEC</p> <p>IECEX Ex ia da IIC T4 Ga, –40°C to +60°C, IP68</p>

Your direct contact

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For contact details of your local MSA affiliate, please visit our website.