MSA
The Safety Company

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
- O_2
- SO_2
- H_2S
- NO_2

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



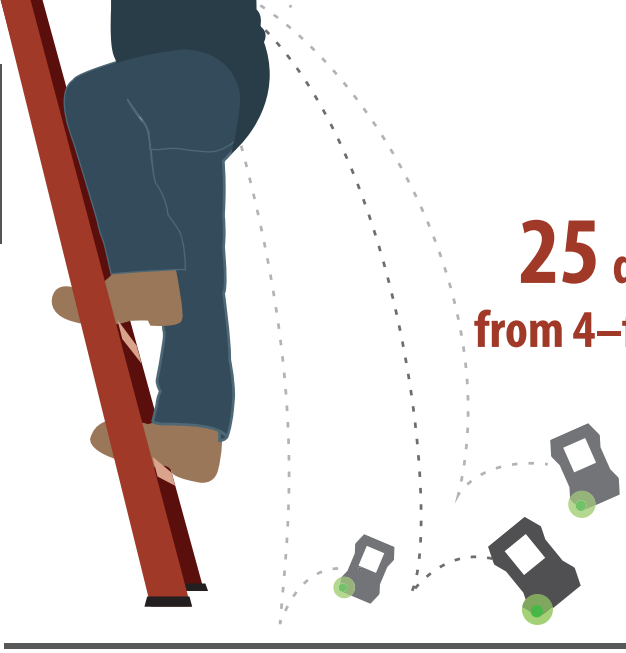
***ALTAIR*® Connect**

Get it on Google play

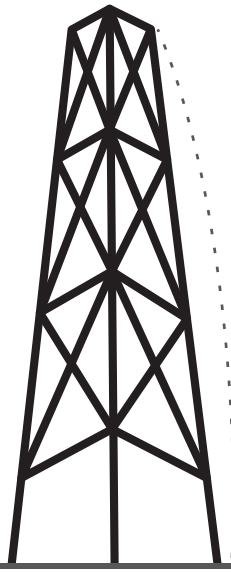
STAY CONNECTED
With alerts from the field.

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





25 drops
from 4–ft (1.2 m)

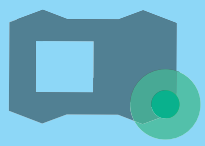


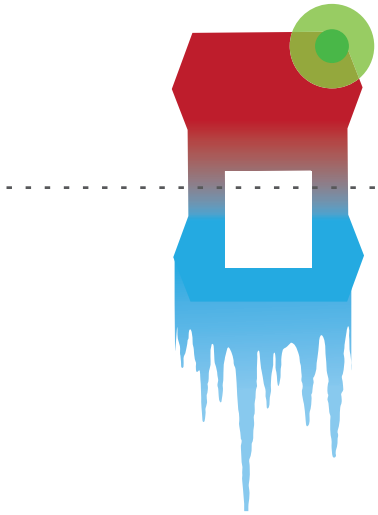
25–ft (7.5 m)
drop onto concrete



IP68

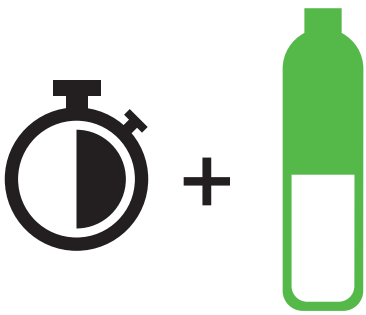
Waterproof to 6.5–ft (2 m)
for 60 minutes





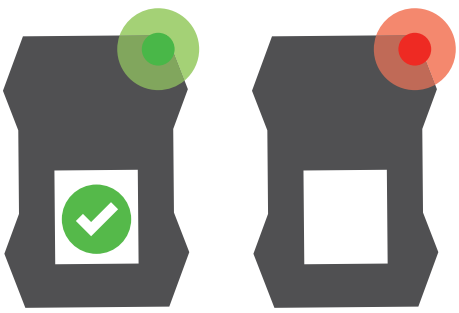
BUILT TO WORK WHEREVER YOU WORK

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_2S	0–200 ppm	1 ppm
	H_2S-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_2S	Charcoal	10178557	10178573
LEL, O_2, CO, H_2S	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_2S	
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_2	10106729
CO/H_2S	10106725
CO/H_2S-LC	10121213
CO-H_2/H_2S	10121214
SO_2/H_2S-LC	10121215
CO/NO_2	10121217

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

Certifications

North America

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

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

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