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
- O_2
- H_2S
- CO
- SO_2
- 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

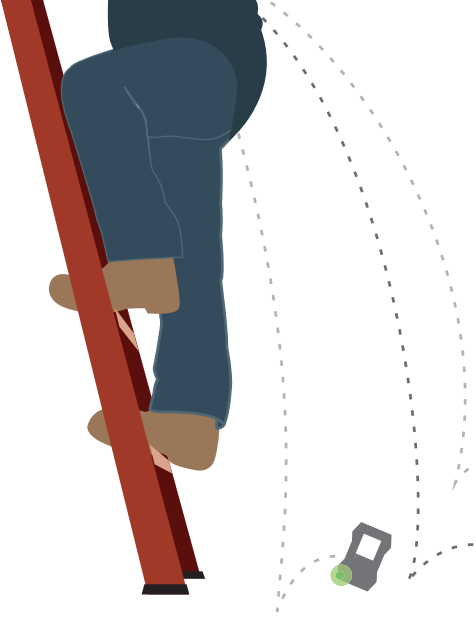
***ALTAIR*® Connect**

Get it on Google play

STAY CONNECTED

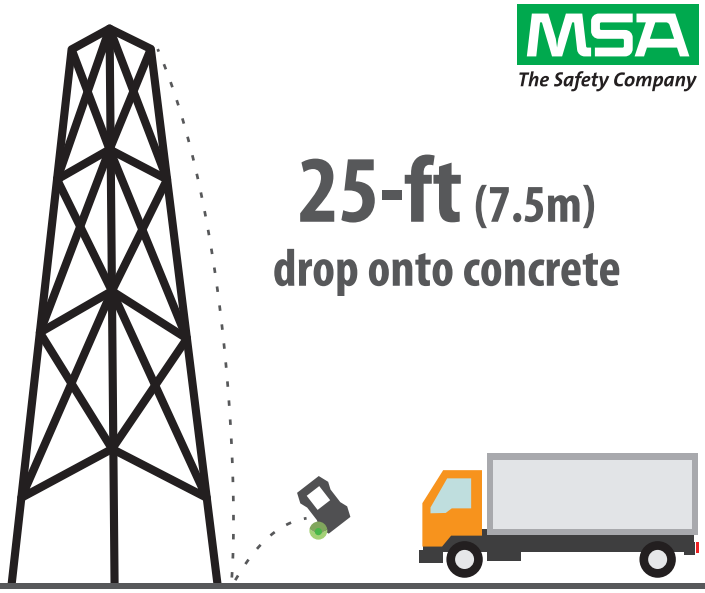
With alerts from the field.

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



MILITARY
MIL STD
810G - 516.6
DROP-TESTED

25 drops
from 4-ft (1.2m)



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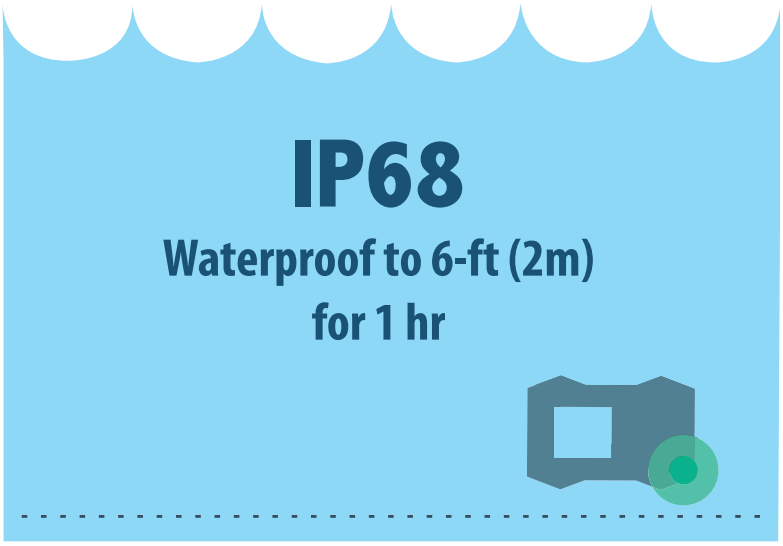
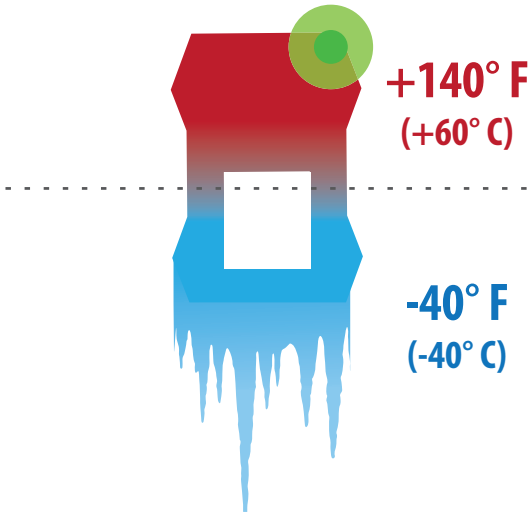
25-ft (7.5m)
drop onto concrete



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

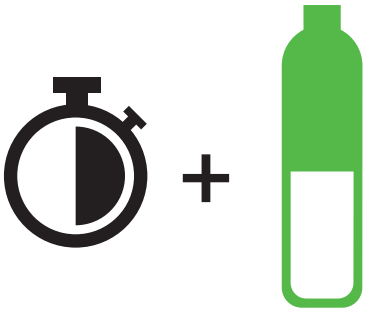


+140° F
(+60° C)

-40° F
(-40° C)

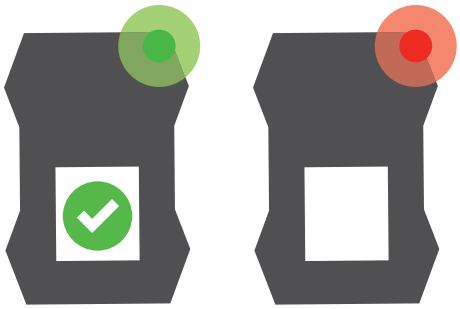
BUILT TO WORK WHEREVER YOU WORK

FAST, EFFICIENT MAINTENANCE



1/2 Time + 1/2 Test Gas

COMPLIANCE AT A GLANCE



Bumped | Not Bumped

GUARANTEED PERFORMANCE

Instrument & Sensor Warranty

MSAsafety.com

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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 pm	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*	*USA/CAN*	*ATEX*
LEL, O_2, CO, H_2S	Charcoal	10178557	10178573
LEL, O_2, CO, H_2S	Phosphorescent	10178558	10178569

Need something different? Contact MSA for options.

Kits with ALTAIR 4XR (LEL, O_2, CO, H_2S & Charcoal Case)	USA/CAN
34-liter gas cylinder (1.45% CH_4, 15% O_2, 60 ppm CO, 20 ppm H_2S) Regulator (0.25 l/min)	10178356
ALTAIR Pump Probe 34-liter gas cylinder (1.45% CH_4, 15% O_2, 60 ppm CO, 20 ppm H_2S) Regulator (0.25 l/min)	10178357

MSA GALAXY® GX2 Automated 4XR Test Stands for 1 Gas Cylinder

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.

Calibration Gas

1.45% CH_4, 15% O_2, 60 ppm CO, 20 ppm H_2S	
34-liter cylinder	10048280
58-liter cylinder	10045035

ALTAIR Pump Probe with charger

For USA/Canada	10152669
For ATEX/IEC	10052668

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

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

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

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.

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ID 0816-102-KIM / Jan 2017
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