

# **ALTAIR<sup>®</sup> 4XR**

## Multigas Detector



Real-time. Rugged. Reliable.

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

# SAFETY AT THE *SPEED OF NOW*

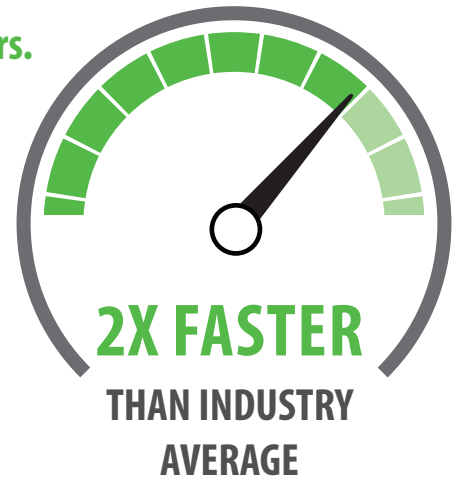


## BE SAFER

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**  
SENSORS



## WORK SMARTER

With the ALTAIR Connect app.

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



ALTAIR® Connect

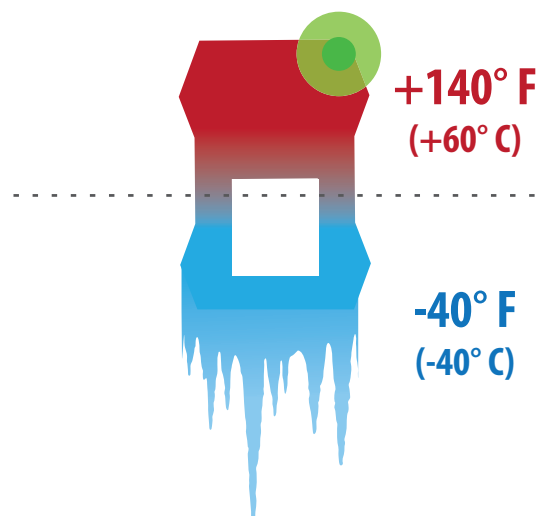
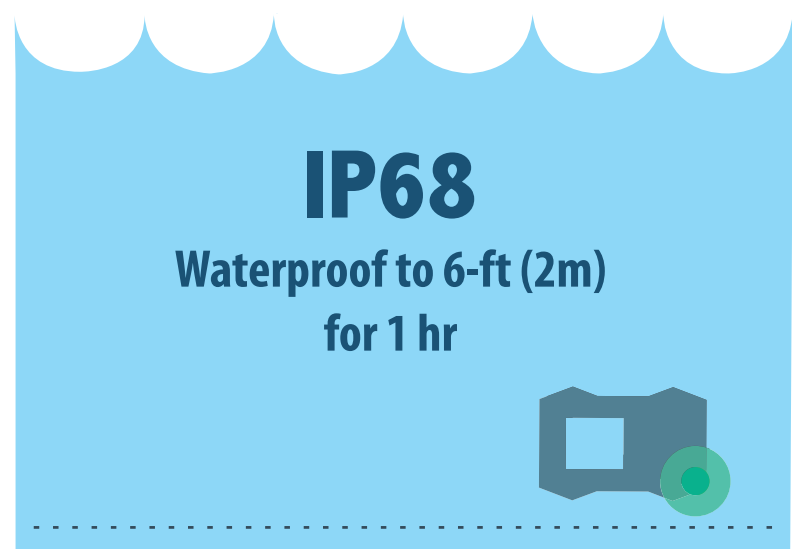
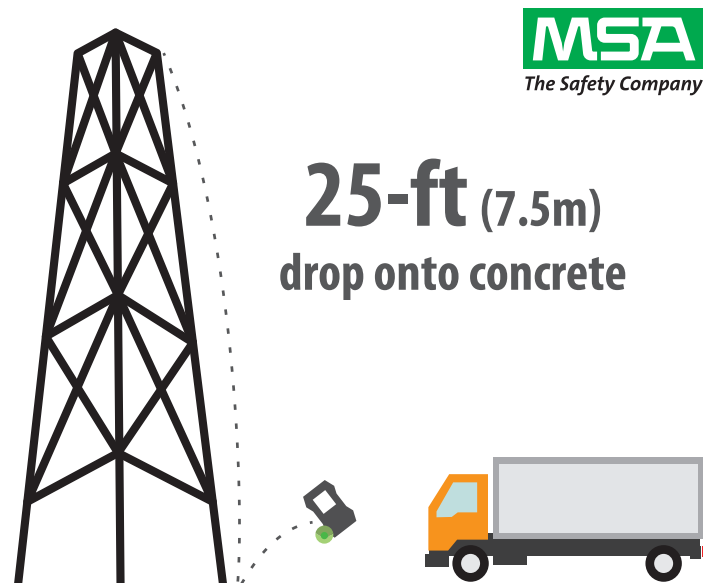


## STAY CONNECTED

With alerts from the field.

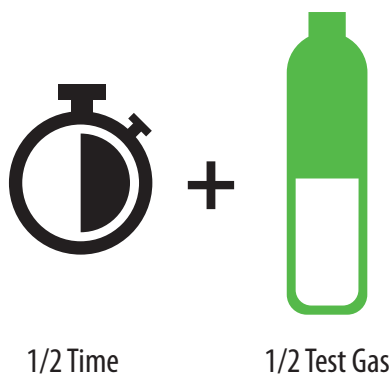
- Live gas readings
- InstantAlert™ distress calls
- MotionAlert™ man-down alarms
- Non-compliance warnings



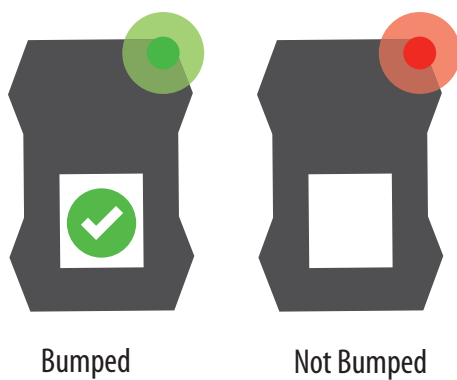


## BUILT TO WORK WHEREVER YOU WORK

### FAST, EFFICIENT MAINTENANCE



### COMPLIANCE AT A GLANCE



### 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	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.

Kits with ALTAIR 4XR (LEL, O <sub>2</sub> , CO, H <sub>2</sub> S & Charcoal Case)	USA/CAN
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

### 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 <sub>4</sub> , 15% O <sub>2</sub> , 60 ppm CO, 20 ppm H <sub>2</sub> S	
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 <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

## 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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