

# ALTAIR<sup>®</sup> 4XR Multigas Detector



Real-time. Rugged. Reliable.

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



# SAFETY AT THE *SPEED OF NOW*

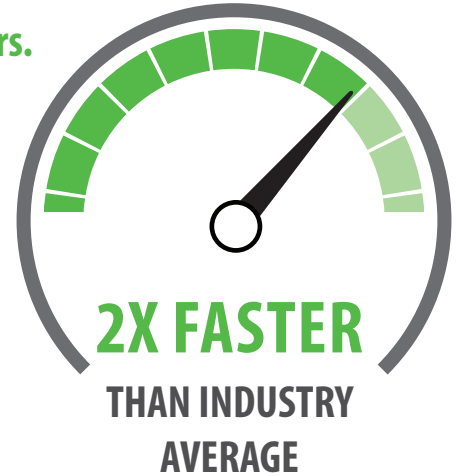


## BE SAFER

With rapid-response sensors.

- LEL
- O<sub>2</sub>
- H<sub>2</sub>S
- CO
- SO<sub>2</sub>
- NO<sub>2</sub>

POWERED BY  
**XCell**<sup>®</sup>  
SENSORS



## 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

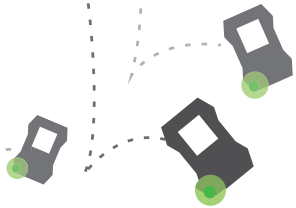
With alerts from the field.

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

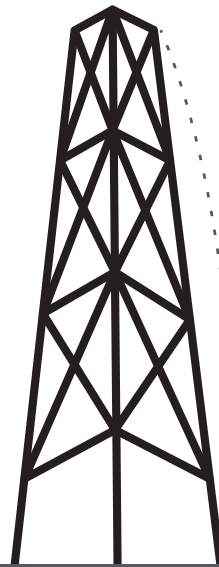





**25 drops**  
from 4-ft (1.2m)



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

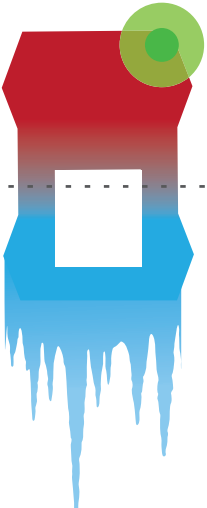


**IP68**  
Waterproof to 6-ft (2m)  
for 1 hr



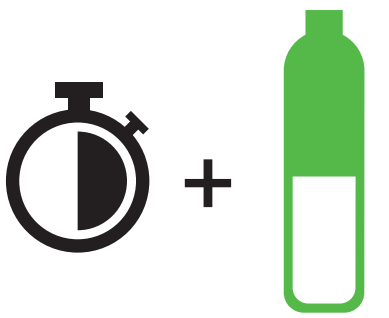
**+140° F**  
(+60° C)

**-40° F**  
(-40° C)



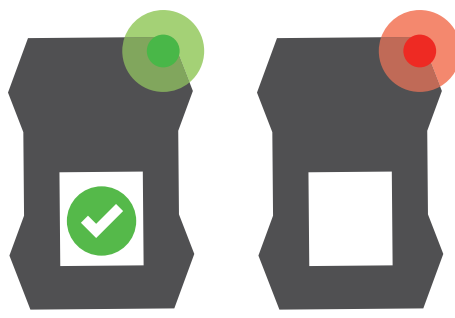
# BUILT TO WORK WHEREVER YOU WORK

## FAST, EFFICIENT MAINTENANCE



1/2 Time + 1/2 Test Gas

## COMPLIANCE AT A GLANCE



Bumped Not Bumped

## GUARANTEED PERFORMANCE



4 years

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<br>MIL-STD-810G drop protection<br>Certified IP68 rating |            |            |
| TEMPERATURE RANGE | -40°F to +140°F<br>-40°C to +60°C  |            |            |
| RELATIVE HUMIDITY | 5% - 95% intermittent<br>15% - 90% non-condensing  |            |            |
| POWER             | Rechargeable Li-polymer battery<br>24-hour run-time<br>< 4 hour charge time              |            |            |
| PHYSICAL          | 4.4" x 3.0" x 1.4"<br>11 cm x 7.6 cm x 3.5 cm<br>8 oz (228 g)                            |            |            |
| DATALOGGING       | > 50 hours (adjustable)<br>> 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)<br>Regulator (0.25 l/min)                      | 10178356 |
| ALTAIR Pump Probe<br>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)<br>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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