

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



Real-time. Rugged. Reliable.

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

# SAFETY AT THE *SPEED OF NOW*

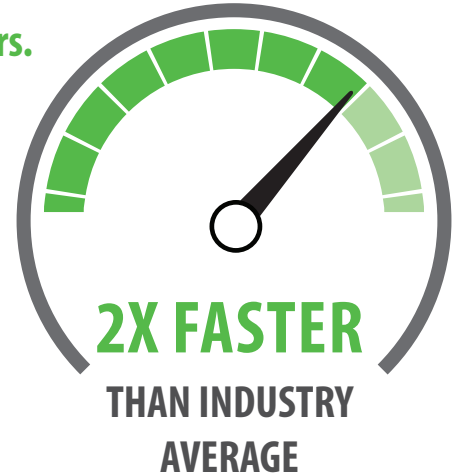


## BE SAFER

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

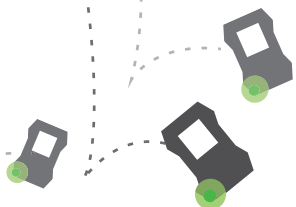
With alerts from the field.

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

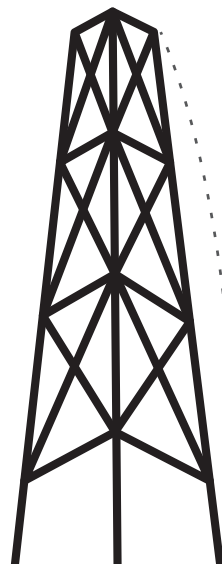





**25 drops**  
from 4-ft (1.2m)



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

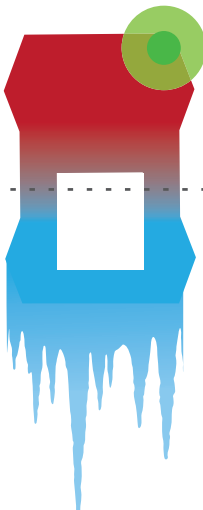


**IP68**  
Waterproof to 6-ft (2m)  
for 45 minutes



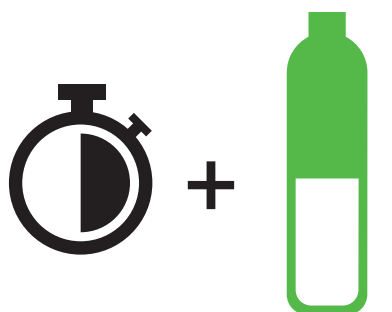
**+140° F**  
(+60° C)

**-40° F**  
(-40° C)



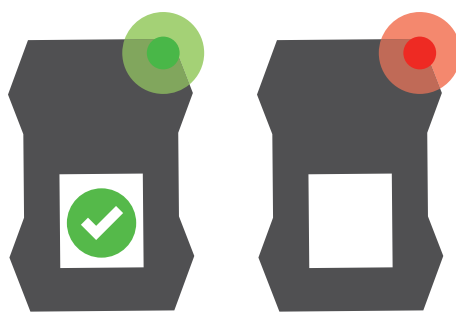
# BUILT TO WORK WHEREVER YOU WORK

## 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 <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 (Charcoal) or 5 years (Glow)		
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	Australia
LEL, O <sub>2</sub> , CO, H <sub>2</sub> S	Charcoal	10178585
LEL, O <sub>2</sub> , CO, H <sub>2</sub> S	Glow	10178587

Need something different? Contact MSA Australia for options.

### Kits with ALTAIR 4XR (LEL, O<sub>2</sub>, CO, H<sub>2</sub>S)

	Australia
ALTAIR 4XR (LEL, O <sub>2</sub> , CO, H <sub>2</sub> S) CHARCOAL KIT 4 YR WARRANTY with 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) and Regulator (0.25 l/min)	10178585K
ALTAIR 4XR (LEL, O <sub>2</sub> , CO, H <sub>2</sub> S) GLOW KIT 5 YR WARRANTY with 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) and Regulator (0.25 l/min)	10178587K

### MSA GALAXY® GX2 Automated Test System

Main Item	Australia
ALTAIR 4/4X/4XR Test Stand, 4-Valve	10128670
Electronic Cylinder Holder	10105756

Need more accessories or MSA Link Pro Fleet Management? 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	<b>10152668</b>

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

### Authorised distributor

#### In Australia:

For customer service, call 1300-735-292

To fax an order, use 1800-067-639

To email an order, [ordersau@thermofisher.com](mailto:ordersau@thermofisher.com)

#### In New Zealand:

For customer service, call 0800-933-966

To fax an order, use 0800-329-246

To email an order, [ordersnz@thermofisher.com](mailto:ordersnz@thermofisher.com)