



ALTAIR® 4XR Multigas Detector

Rugged. Reliable.



WE KNOW WHAT'S AT STAKE.

SAFETY AT THE *SPEED OF NOW*

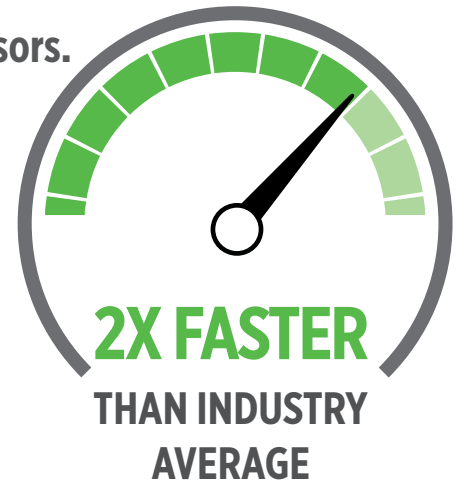


BE SAFER

With rapid-response sensors.

- LEL
- CO
- O₂
- SO₂
- H₂S
- NO₂

POWERED BY
XCell
SENSORS



FLEET MANAGER COMPATIBLE

INFORMATION ACCESS

- Receive a daily e-mail notification about your fleet's status. Quickly discern what needs your attention and take action.
- Access your fleet information easily – at anytime and from anywhere.
- Find, download and share reports as you need them—calibrations, detector records or alarms.



FLEET COMPLIANCE

- Ensure your gas detectors are ready for work (bump tested, calibrated and with sensors functioning properly). Reduce downtime.
- Proactively decommission any equipment that requires maintenance.
- Understand which equipment are in use (by whom) and which ones are available.



MILITARY
MIL STD
810G - 516.6
DROP-TESTED

25 drops
from 4-ft (1.2m)

MSA
The Safety Company

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 and 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 ₂ S | 0-200 ppm | 1 ppm |
| | H ₂ S-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 ft. (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 | | | |
|--|----------------|----------|----------|
| Configuration | Case Color | USA/CAN | ATEX |
| LEL, O ₂ , CO, H ₂ S | Charcoal | 10178557 | 10178573 |
| LEL, O ₂ , CO, H ₂ S | Phosphorescent | 10178558 | 10178569 |

Need something different? Contact MSA for options.

| Kits with ALTAIR (LEL, O₂, CO, H₂S & Charcoal Case) | |
|--|----------|
| 34 liter gas cylinder (1.45% CH ₄ , 15% O ₂ , 60 ppm CO, 20 ppm H ₂ S) 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 ₂ 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 | | XCell Sensor Replacement Kits | |
|---|----------|--------------------------------------|----------|
| 1.45% CH ₄ , 15% O ₂ , 60 ppm CO, 20 ppm H ₂ S | | | |
| 34-liter cylinder | 10048280 | EX Combustible | 10106722 |
| 58-liter cylinder | 10045035 | O ₂ | 10106729 |
| | | CO/H ₂ S | 10106725 |
| | | CO/H ₂ S-LC | 10121213 |
| | | CO-H ₂ /H ₂ S | 10121214 |
| | | SO ₂ /H ₂ S-LC | 10121215 |
| | | CO/NO ₂ | 10121217 |

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

Certifications

North America

USA

Class I, Division 1, Groups A, B, C & D Class II
Division I, Groups E, F, & G Class III, Division I
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 product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

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