

ALTAIR® Gas Detectors

A Tough Bunch



ALTAIR Family Gas Detectors

- ALTAIR – Maintenance-free Single Gas Detector
- ALTAIR PRO – Single Gas Detector with a wide range of sensors
- ALTAIR 4X – Compact Multigas Detector with MSA XCell Sensors
- ALTAIR 5X – Versatile Multigas Detector with MSA XCell Sensors



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



ALTAIR

Maintenance-free Single Gas Detector

The ALTAIR is a robust Single Gas Detector with sensor options of H₂S, CO or O₂. It provides two years or 1080 alarm minutes of service life under warranty with no maintenance. This instrument will not deactivate after two years of operation but will continue to perform as long as battery capacity allows.

- Withstand a 3 m drop test
- IP 67 rating (dust tight and water tight)
- Easy to grip design
- Changeable alarm set points
- Easy to read display
- Highly visible LEDs
- Audible alarm of 95 dB at 30 cm
- Strong vibrating alarm
- Simple bump check with 24h checkmark
- Integrated test gas cap



ALTAIR PRO

Single Gas Detector with a wide range of sensors

The ALTAIR PRO is a reliable high-performance Single Gas Detector with a wide choice of sensors (O₂, CO, H₂S, NH₃, Cl₂, ClO₂, HCN, NO₂, PH₃, SO₂). It accurately measures and displays the gas concentration.

- Withstand a 3 m drop test
- IP 67 rating (dust tight and water tight)
- Easy to grip design
- Easy to read display
- Highly visible LEDs
- Audible alarm of 95 dB at 30 cm
- Strong vibrating alarm
- Simple bump check with 24h checkmark
- Integrated test gas cap
- Wide range of sensors



Phosphorescent housing available

ALTAIR 4X

Multigas Detector with MSA XCell® Sensor Technology

The ALTAIR 4X is a reliable Multigas Detector that simultaneously measures up to four gases from a wide range of sensor options including combustible gases, O₂, CO, H₂S, SO₂ and NO₂. A rugged housing provides durability, including the ability to survive a 6 m drop test onto concrete.

With large, glove-friendly buttons and a high-contrast display, the ALTAIR 4X is easy to operate in any work environment, even low-light conditions. A full range of accessories is available.

- 24-hour battery run time
- Withstands 6 m drop test
- Typical sensor life greater than four year
- Very fast sensor response and clear times < 15 seconds
- Greater signal stability and repeatability
- Lower cost of ownership
- Unique alarm features: MotionAlert & InstantAlert
- End-of-sensor-life indicator eliminates services outages
- IP 67 rating (dust tight and water tight)
- New ALTAIR 4X multi-unit charger available
- Full three-year warranty

XCell®
SENSORS

ALTAIR 5X

Multigas Detector with MSA XCell® Sensor Technology

The ALTAIR 5X Multigas Detector for combustible gases, O₂, and toxic gas detection is as tough and functional as it looks. A rugged polycarbonate housing provides unsurpassed durability, including the ability to survive a 3 m drop. Inside, a field-proven integral pump provides consistent gas flow without the problems of externally-attached components. Ergonomic design, glove-friendly buttons, and high-contrast display make the ALTAIR 5X Multigas Detector easy to use in all applications. Up to six gases can be monitored simultaneously.

- 18-hour battery run time
- Industry-first LEL, O₂, CO, H₂S and SO₂ 60-second span calibration and 15-second bump test
- Typical greater than four-years sensor life and full three-year warranty on LEL, O₂, CO, H₂S, SO₂ and IR sensors (IR sensors available for CO₂ and combustible gas monitoring in % Vol)
- Typical service life greater than three years and two-year warranty on NH₃ and Cl₂
- Minimum 12-month warranty on other sensors NO, NO₂, ClO₂, PH₃, HCN
- 18 language options
- Unique alarm features: MotionAlert & InstantAlert
- End-of sensor-life warning
- Withstands 3 m drop test
- Wireless USB option for connectivity to alpha Personal Network
- New ALTAIR 5X multi-unit charger available

XCell®
SENSORS



GALAXY® GX2

Automated Test System

This easy-to-use automated test stand offers high performance as either a stand-alone unit or an integrated portable detector management system, enabling total data access and control of the MSA ALTAIR Gas Detector fleet.

Once any ALTAIR Family Gas Detector is placed within the GALAXY GX2 System, it can be tested, calibrated and charged automatically. Flexibility allows for up to 10 test stations, 4 cylinder holders and multi-unit charger within one GALAXY GX2 System detector bank.

- Color touch screen enhances user experience at the test stand
- Easy setup, simple use with touch-free testing
- Test up to 10 gas detectors simultaneously in the time most competitive systems take to test one device
- 18 languages are available
- Exceeds 50% reduction in cost of ownership, including calibration gas expenses when combined with high performance MSA XCell Sensors
- With MSA Link Pro Software, proactively manage safety by addressing gas exposure information and missing or failed calibrations and bump tests
- Calibration gas and expiration warnings provided by the GALAXY GX2 System and via advanced MSA Link Pro Software
- Query the system for gas exposures, and then email responses to users





IT'S WHAT'S INSIDE THAT COUNTS

WORKERS who face potentially dangerous situations deserve the best protection available.

At MSA, we work tirelessly to build smarter, better gas detection instruments that people across the world rely on. With ALTAIR 4X and ALTAIR 5X Multigas Detectors, MSA has developed the most advanced technology available in any portable gas detector on the market with XCell Sensor Technology.

Powered by Performance

The real strength of our Multigas Detectors comes from our sensor technology. MSA XCell Sensors have a typical life of more than double the industry average, and are engineered using MSA's proprietary application-specific integrated circuit (ASIC) design. By miniaturizing the sensors' controlling electronics and placing them inside the sensor itself, MSA XCell Sensors offer superior stability, accuracy, and repeatability.

MSA XCell Sensors are a breakthrough in chemical and mechanical sensor design, enabling faster response and span calibration times. With less time spent on calibration and bump tests, you save calibration gas, maintenance costs, and in turn, save money. But most importantly, in your industry, saving seconds on response time can also mean saving lives.



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