

MSA ALTAIR® Gas Detectors

A Tough Bunch



MSA
The Safety Company

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.



ALTAIR

- Robust, 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 checkmark for 24 h
- 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.



ALTAIR PRO

ALTAIR® 4X

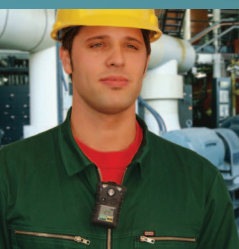
Multi-Gas Detector with MSA XCell Sensors

The ALTAIR 4X is a multi-gas detector that measures O₂, H₂S, CO and combustible gases. 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. MSA XCell Sensors double the industry average, and are engineered using MSA's proprietary application-specific integrated circuit (ASIC) design. The sensors' controlling electronics is miniaturized and placed inside the sensor itself.

- Typical sensor life greater than four years
- Lower cost of ownership
- Greater signal stability and repeatability
- Faster sensor response and clear times
- Unique alarm features: MotionAlert & InstantAlert
- End-of-sensor-life indicator eliminates services outages
- Passes 6 m drop test
- IP 67 rating (dust tight and water tight)
- 24-hour battery run time
- Full three-year warranty



ALTAIR 4X



ALTAIR® 5X

Multigas Detector with MSA XCell® Sensor Technology

The ALTAIR 5X Multigas Detector for LEL, 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.

Exclusive features in technology and design include:

- Industry-first LEL, O₂, CO, H₂S and SO₂ 60-second span calibration and 15-second bump test
- New XCell exotic SO₂, Cl₂ and NH₂ sensors
- Full three-year warranty and typical greater than four-years sensor life on LEL, O₂, CO, H₂S, SO₂ and IR sensors
- Two-year warranty on NH₂ and Cl₂ and typical life greater than three years for NH₂ and Cl₂ sensors
- End-of sensor-life warning
- Withstands a 3 m drop



ALTAIR 5X with colour display



GALAXY ALTAIR

GALAXY®

Automated test and calibration system

The multifunctional GALAXY provides simple but intelligent testing and calibration of MSA portable gas detectors, e.g. the ALTAIR Family.

- Fully automated test stand
- Easy-to-use keypad
- Robust design
- Intuitive visual and audible indicators
- Up to 10 GALAXY modules can be interconnected
- Stand-alone – no PC required



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. MSA's advanced technology introduced the ALTAIR 4X Multigas Detector with XCell Sensors. With the introduction of the ALTAIR 5X, MSA has expanded the most advanced technology available in any portable gas detector on the market with XCell Sensor Technology.

Powered by Performance

The real strength of the new multigas detectors comes from new 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.

In addition to MSA XCell Sensors, the ALTAIR 5X Multigas Detector can also be equipped with our wide variety of IR sensors covering many gases and ranges including CO₂.

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