



# ALTAIR

## [ Maintenance-Free Single-Gas Detector ]

The MSA ALTAIR is a reliable high-performance single-gas detector with sensor options of H<sub>2</sub>S, CO or O<sub>2</sub>. There is no requirement for maintenance over its lifetime making the ALTAIR an extremely economical instrument.

### [ Maintenance-Free Service Life ]

The ALTAIR 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. No calibration, sensor change or battery change is needed.

### [ Easy To Read Display ]

The ALTAIR incorporates a simple, easy to read display. The large numeric display allows users to count down instrument life, alarm conditions, set points, peak reading and hours in alarm since activation with accuracy and confidence. The O<sub>2</sub> version can display the current level as well as its highest and lowest readings at a glance.

### [ Bump Check Indicator ]

By confirming "Gas Test" with a single button press, the unit allows for a simple bump check, which will be recorded and displayed on the screen as a checkmark for 24 hours. With its built-in gas delivery adapter there are no additional accessories required to carry out a bump check.

### [ Robust Design ]

The ALTAIR is IP67 rated and is designed to withstand a 3 m drop test. The extra thick rubberised housing provides protection from accidental drops and helps provide a tight seal, offering simple yet effective resistance to water and dust ingress. Metal screw inserts offer a high level of structural stability over the unit's lifetime.

### [ Reliable Clip ]

With the proven suspension clip fitted as standard the ALTAIR can be worn securely anywhere. This rugged clip design keeps the unit attached during even the roughest use.

### [ Distinctive Alarm System ]

The superior triple alarm system fitted to the ALTAIR effectively alerts the wearer to any danger. It consists of a distinctive audible alarm of 95 dB at 30 cm, super-bright LEDs visible from a 320° angle and a strong vibration alarm. The numeric display also shows "LO" or "HI" alarm status.

### [ Event Log ]

The ALTAIR will record the 25 latest alarm events automatically, offering the ability to assess recent alarm conditions. Connect it to your MSA IR-Jeteye using the standard built-in IR communication to read the data or to change alarm set points via FiveStar Link 4.3.

### [ Patented Sensors ]

Patented, MSA Button toxic gas sensors are fitted to both the CO and H<sub>2</sub>S ALTAIR, while the O<sub>2</sub> version accommodates a fast responding 20 series sensor.

### [ Simple Testing ]

The detector's visual, audible and vibrating alarms along with response to a known gas concentration can be checked by ALTAIR QuickCheck.

To test the ALTAIR, simply press the button and place it into the test station.

### [ GALAXY ]

The GALAXY automated record keeping and calibration test system is a completely stand alone system that does not require a computer or network interface.

Up to 10 GALAXY modules can be connected together allowing multiple instruments to be simultaneously tested, calibrated and charged. Over 1000 individual test records can be stored on an industry standard flash card. An optional wired connection is also available.

### [ Technical Specifications ]

<b>Weight</b>	85 g
<b>Dimensions</b>	81 x 51 x 23 mm [H x W x D]
<b>Alarms</b>	As Standard: 95 dB at 30 cm on average, Ultra bright LEDs, Vibrating Alarm
<b>Warranty</b>	2 years or 1080 minutes alarm, under normal conditions

### [ Ordering Information ]

Detector	1st Alarm	2nd Alarm
<b>Carbon Monoxide [CO] 0–500 ppm</b>		
10092522	25 ppm	100 ppm
10071334	30 ppm	60 ppm
10091171	30 ppm	200 ppm
10071335	35 ppm	100 ppm
10071336	35 ppm	400 ppm
10071337	50 ppm	200 ppm
10071338	100 ppm	300 ppm
<b>Hydrogen Sulphide [H<sub>2</sub>S] 0–100 ppm</b>		
10092521	10 ppm	15 ppm
10071340	10 ppm	20 ppm
10071361	5 ppm	10 ppm
10071362	8 ppm	12 ppm
10071363	7 ppm	14 ppm
<b>Oxygen [O<sub>2</sub>] 0–25% Vol</b>		
10071364	19.5%	18.0%
10092523	19.5%	23.0%
10091172	22.0%	19.5%
<b>Accessories</b>		
10040002	Clip, suspender	
10069894	Clip, stainless steel	
10041107	Lanyard kit	
10041105	Cellphone clip	
710946	Datadocking FiveStar Link with IR-Jeteye	



<b>Instrument Life</b>	> 2 years at an average of 2 minutes of alarm per day
<b>Operating Range</b>	–20 °C to +50 °C
<b>Humidity</b>	10–95% RH non-condensing
<b>Ingress Protection</b>	IP 67
<b>Event Logging</b>	25 Latest events
<b>Certifications</b>	Europe  ATEX II 2G EEx ia IIC T4 –20 °C to +50 °C

### QuickCheck Versions:

10076693	O <sub>2</sub> , CO, H <sub>2</sub> S – Manual <sup>1)</sup>
10076705	O <sub>2</sub> , CO, H <sub>2</sub> S – Automatic

<sup>1)</sup>For Manual Versions of the ALTAIR QuickCheck, a Manual Regulator [Ordering No. 478359] and Regulator Tubing [Ordering No. 10077384] must be purchased separately.

### GALAXY kits

#### Basic System [Includes Power Supply]

10078261	Basic System
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#### Standard System [Includes Power Supply & Regulator]

10078262	Standard System
10078263	Standard System + Cylinder Holder

#### Smart System [Includes Power Supply, Regulator & SD Card]

10078264	Smart System
10078265	Smart System + Cylinder Holder

#### Portable System [Includes Battery Pack & Regulator]

10078266	Portable System
10078267	Portable System + SD Card + Cylinder Holder

#### Network Kit [Includes Regulator, Wired Ethernet Access]

10078268	Wired Network System
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