The ALTAIR® 4 Multigas Detector

The toughest kid on the block.

MSA
The Safety Company

Super-durable, competitively-priced, personal multigas detector. Highlights include the exclusive optional MotionAlert™ and InstantAlert™ features, triple alarms, and IP67 rating independently certified.

MSA's new ALTAIR 4 Multigas Detector for LEL, CO, H_2S, and O_2 raises the standard for personal multigas detectors by offering a combination of features you won't find in competitive models.

The ALTAIR 4 Multigas Detector is the only portable gas detector with an optional MotionAlert™ feature if a user should become disabled due to unforeseen hazards. When enabled, the MotionAlert feature will activate if the instrument does not detect motion for 30 seconds, and is ideal for confined space entry applications. This unique gas detector function can be deactivated by the user. This unit's InstantAlert feature also allows users to manually alert others to a potentially hazardous situation. The ALTAIR 4 Multigas Detector is as tough and functional as it looks, offering distinctly ribbed rubber housing for secure grip and unsurpassed durability. A high-contrast display and three large, rubberized buttons enable easy operation in low-light conditions.

The rubber over-molded housing is easy to grip, provides unsurpassed durability, is rated IP67 against dust and water ingress, and passes a 10+ foot drop test. This unit is equipped with a 95+ dB audible alarm and ultra-bright alarm LEDs on both its top and bottom for maximum visibility. Vibrating alarm and data logging are standard features in this very competitively-priced unit. MSA's ALTAIR 4 Multigas Detector is Galaxy® System-compatible for calibration and record keeping; a QuickCheck™ Test Station for fast, easy bump testing is also available. Data logging is a standard feature; the ALTAIR 4 Multigas Detector is MSA Link™ Software-ready.

Features

- MotionAlert feature plus audible, visual, and vibrating alarms

- InstantAlert feature to sound a manual alarm

- Most rugged instrument available

- Large buttons for easy operation

- 16-hour battery run time when fully charged

- Tested to IP67

- Global approvals

- Economically priced

- MSA Link Software ready

Applications

- Oil, gas, and petrochemical

- Confined spaces

- Fire service

- Utilities and telecommunications

- Municipal works and waste water

- Civil engineering

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Rugged stainless steel clip

MSA Link Software-ready

MotionAlert feature signals "man down"

Ultra-bright LEDs on unit's top

Protected sensor inlet

95 dB horn

Large rubberized buttons for easy operation

InstantAlert feature activates a manual alarm

Easy bump check mode

16-hour battery run time

Durable rubberized housing for secure grip

Large, high-contrast liquid crystal display

Ultra-bright LEDs on unit's bottom

COMB/EX   O2

020.8

CO   H2S

0   0

Specifications

Gas	Range	Resolution
LEL	0-100%	1%
O_2	0-25% vol	0.1% vol
CO	0-999 ppm	1 ppm
H_2S	0-200 ppm	1 ppm

Drop test	>10 feet
Housing	Rugged rubberized armor
Weight	7.4 oz
Dimensions (L x W x D)	4.4 x 3.0 x 1.37
Audible alarm	>95 dB at 30 cm
Visual alarm	4 ultra-bright LEDs on top and bottom
Vibrating alarm	Standard
MotionAlert Feature	Optional
Display	1.45 x 1.45 high contrast
Backlight	Adjustable time out
Battery	Rechargeable li-polymer
Run time	16-hour @ room temperature
Charging time	< 4 hrs
Operating temperature range	−20ºC to + 50ºC
Humidity	15 − 90% RH non-condensing
Ingress protection	IP67
Data log	Standard, 50 hours minimum
Event log	Standard 500 events
Standard Warranty	2 years
Extended Warrannty	Optional additional 2 years

Certifications

Europe: ATEX II 2 G EEx ia d IIC T4, Tamb= -20 to 50º C

UL, Class I, Div. 1, Groups A B, C, D,
Class II, Div.1 Groups F & G. T4, Tamb= -20 to 50º C

CSA, Class I, Div. 1, Groups A B, C, D,

Australian & New Zealand: IEC Ex ia d I/IIC T4,
ANZEx ia s I/IIC T4 (Zone 0)

For additional customized versions and calibration gases, use MSA's ATO ordering sheet or contact MSA customer service at 1-800-MSA-2222.

ALTAIR 4 Multigas Detector with quick-start card, data logging, charger, calibration cap and tubing, CD manual

UL Approval	CSA Approval	ANZ Approval	Altair 4 Multigas Detection Configuration
10085981	10089091	10089081	LEL, O_2, CO, H_2S
10085989	10089094	10089088	LEL, O_2, CO, H_2S with MotionAlert
10089103	10089092	10089082	LEL, O_2, CO
10089105	10089095	10089089	LEL, O_2, CO with MotionAlert
10089104	10089093	10089084	LEL, O_2
10089106	10089096	10089090	LEL, O_2 with MotionAlert

ALTAIR 4 Multigas Detector, 4-gas in black case with calibration cylinder and 0.25 lpm regulator

UL Approval	CSA Approval	Altair 4 Multigas Detection Configuration
10096627	10096751	LEL, O_2, CO, H_2S
10096628	10096752	LEL, O_2, CO, H_2S with Universal pump probe
10096629	10096753	LEL, O_2, CO, H_2S with MotionAlert
10096630	10096754	LEL, O_2, CO, H_2S with MotionAlert/Universal pump probe

Calibration

10048280	34L quad gas mix (1.45% CH_4, 15% O_2, 60 ppm CO, 20 ppm H_2S)
10045035	58L quad gas mix (1.45% CH_4, 15% O_2, 60 ppm CO, 20 ppm H_2S)
10089964	Galaxy Basic system, includes power supply
10089996	Galaxy Standard stand-alone kit with regulator, charging and cylinder holder
10089967	Galaxy Smart stand-alone kit with regulator, memory card, charging and cylinder holder
10089321	Calibration assembly (cap, tube, connector)

Sensors

10089116	Combustible sensor
10089163	O_2 sensor
10089117	CO/H_2S duo-tox sensor
10089118	Sensor replacement kit (duo-tox, O_2, combustible)

Accessories

10069894	Stainless steel suspender clip
10046528	Universal pump probe (UL)
10055576	Universal pump probe (CSA)
10047594	Universal pump probe (ANZ)
10087913	North American power supply
10088099	MSA Link™ Software CD-ROM
10082834	JetEye IR Adapter with USB connector

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