ALTAIR® 4X **Multigas Detector (MSHA)**

Assemble-To-Order System

MSA
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Approvals/Replacement Parts/Kits

ALTAIR 4X Multigas Detector with North American approval, quick-start card, data logging, charger, calibration cap, tubing, and CD manual. MotionAlert feature is now included as standard on all detectors.

Ordering Information

DESCRIPTION	Part No.
ALTAIR 4X MULTIGAS DETECTOR (CH_4, O_2, CO) Charcoal	10125912
ALTAIR 4X MULTIGAS DETECTOR (CH_4, O_2, CO) Phosphorescent	10125913
ALTAIR 4X MULTIGAS DETECTOR (CH_4, O_2, CO, NO_2) Charcoal	10125914
ALTAIR 4X MULTIGAS DETECTOR (CH_4, O_2, CO, NO_2) Phosphorescent	10125915

CALIBRATION ACCESSORIES	Part No.
CALIBRATION ASSEMBLY (cap, tube, connector)	10089321
REGULATOR 0.25 LPM MODEL RP	467895
34L CALIBRATION CYLINDER MIX (2.5% CH_4, 15% O_2, 60 PPM CO)	10049056
34L CALIBRATION CYLINDER MIX (2.5% CH_4, 15% O_2, 60 PPM CO, 10 PPM, NO_2)	10058172
58L CALIBRATION CYLINDER MIX (2.5% CH_4, 15% O_2, 60 PPM CO, 10 PPM, NO_2)	10058171

POWER SUPPLY	Part No.
CHARGING CRADLE COMPONENTS	10086639
NORTH AMERICAN POWER SUPPLY	10087913
CHARGING CRADLE ASSEMBLY	10092233
VEHICLE CHARGER	10095774
4-UNIT MULTI-UNIT CHARGER NA PLUG	10127422
12-UNIT MULTI-UNIT CHARGER NA PLUG	10143372

ACCESSORIES	Part No.
STAINLESS STEEL SUSPENDER CLIP	10069894
MSA LINK™ SOFTWARE CD-ROM	10088099
JetEye IR ADAPTER WITH USB CONNECTOR	10082834

SENSOR / SPARE PARTS	Part No.
KIT, XCell EX-M COMBUSTIBLE SENSOR	10121212
KIT, XCell O_2 SENSOR	10106729
KIT, XCell CO/H_2S TWO-TOX SENSOR	10106725
KIT, XCell CO/NO_2 TWO-TOX SENSOR	10121217
FRONT HOUSING WITH INTEGRATED DUST FILTERS (CHARCOAL)	10110030
FRONT HOUSING WITH INTEGRATED DUST FILTERS (PHOSPHORESCENT)	10110029
MAIN BOARD WITH BATTERY PACK	10124956
LCD FRAME ASSEMBLY (frame, LCD, zebra strips, screws)	10110061
SENSOR GASKET, PHILLIPS SCREWS (4X), SELF-TAPPING (2X)	10110062
CD MANUAL, ALTAIR 4X MULTIGAS DETECTOR	10106623

GALAXY GX2 AUTOMATED TEST SYSTEM	Part No.
TEST STAND W/ NA POWER SUPPLY	10128630
ELECTRONIC CYLINDER HOLDER	10105756
SD MEMORY CARD	10127111
END CAP	10125907

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ALTAIR 4X Detector (MSHA) with MSA XCell® Sensors offers:

- 4-year life.
- 3-year instrument warranty.
- Lower maintenance cost.
- Reduced required calibration gas.
- Response and clear times in less than 15 seconds.
- Improved repeatability and accuracy.
- End-of-sensor-life warning for planned sensor replacement, reducing instrument down time.
- GALAXY® System compatibility for powerful calibration and fleet management.
- MotionAlert™ feature activation when no movement is detected for 30 seconds, indicating "man down".
- InstantAlert™ feature manually-activated alarm to alert others of hazardous situations.
- MSA Link™ Software compatibility for easy data management and configuration through your PC.
- Bump test mode for clear indication of bump test status and long-term record storage.
- Approval agency-certified IP67 rating, dust and water resistance.
- 30+ hour run time for continuous operation over three shifts.
- Ergonomic design for comfort and easy operation even with gloved hands.

ALTAIR 4X Multigas Detector (MSHA) Assemble-To-Order (ATO) Options

To create your instrument configuration, select the instrument option code and mark them in the boxes to the right.

A — INSTRUMENT TYPE

The ALTAIR 4X Multigas Detector now comes standard with MSA's new XCell Sensors and MotionAlert feature to indicate "man down".

Please select your instrument's case color; select option **C** for charcoal and option **G** for phosphorescent (glow-in-the-dark).

Instrument Type	Code
Charcoal	C
Phosphorescent (glow-in-the-dark)	G

Selection

B — COMBUSTIBLE SENSOR

To have a combustible sensor installed in your new ALTAIR 4X Multigas Detector, please select **C**. For no combustible sensor, please select **0**.

Combustible Sensor Options	Code
None	0
0-5% Vol methane	C

Selection

C — OXYGEN SENSOR

To have an oxygen sensor installed in your new ALTAIR 4X Multigas Detector, please select **1**. For no sensor, enter **0**.

Oxygen Sensor Options	Code
None	0
0-30% Vol	1

Selection

D — TOXIC SENSOR

To configure your new ALTAIR 4X Multigas Detector, choose **O** for no toxic sensor. Choose **A** for both CO and H_2S sensors, choose **B** for CO, **C** for H_2S, **D** for CO and NO_2, and **E** for NO_2.

Toxic Sensor Options	Code
None	0
0-1999 ppm CO and 0-200 ppm H_2S	A
0-1999 ppm CO	B
0-200 ppm H_2S	C
0-1999 ppm CO and 0-50 ppm NO_2	D
0-50 ppm NO_2	E

Selection

E — POWER SUPPLY

Select the correct power supply for your region. Add an instrument cradle to firmly secure your instrument while charging on the shelf or in a vehicle.

Power Supply Options	Code
None	0
North American	N
North American with cradle	M

Selection

F — APPROVAL LABEL

The ALTAIR 4X Multigas Detector is fully approved by MSHA.

Approval Label Options	Code
MSHA	M

Selection: M

G — EXTENDED WARRANTY

MSA includes a full 3-year warranty on the ALTAIR 4X Multigas Detector, including sensors, battery and electronics. Choose **1** for an additional year (4 years total).

Extended Warranty Options	Code
3 years standard warranty	0
Extended warranty (4 years total)	1

Selection

Your Model Part Number

Please write in numbers from selections above in appropriate boxes and contact your safety products distributor to place your order.

Selection: A B C D E F G

A-ALT4XM- [ ] [ ] [ ] [ ] [ ] [M] [ ]