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

Assemble-To-Order System and Pricing Guide - **Prices effective January 1, 2014**

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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.	List Price
ALTAIR 4X MULTIGAS DETECTOR (CH$_4$, O$_2$, CO) Charcoal	10125912	$946.00
ALTAIR 4X MULTIGAS DETECTOR (CH$_4$, O$_2$, CO) Phosphorescent	10125913	$966.00
ALTAIR 4X MULTIGAS DETECTOR (CH$_4$, O$_2$, CO, NO$_2$) Charcoal	10125914	$1,126.00
ALTAIR 4X MULTIGAS DETECTOR (CH$_4$, O$_2$, CO, NO$_2$) Phosphorescent	10125915	$1,146.00

CALIBRATION ACCESSORIES	Part No.	List Price
CALIBRATION ASSEMBLY (cap, tube, connector)	10089321	$19.00
REGULATOR 0.25 LPM MODEL RP	467895	$221.00
34L CALIBRATION CYLINDER MIX (2.5% CH$_4$, 15% O$_2$, 60 PPM CO)	10049056	$270.00
34L CALIBRATION CYLINDER MIX (2.5% CH$_4$, 15% O$_2$, 60 PPM CO, 10 PPM, NO$_2$)	10058172	$270.00
58L CALIBRATION CYLINDER MIX (2.5% CH$_4$, 15% O$_2$, 60 PPM CO, 10 PPM, NO$_2$)	10058171	$401.00

POWER SUPPLY	Part No.	List Price
CHARGING CRADLE COMPONENTS	10086639	$31.00
NORTH AMERICAN POWER SUPPLY	10087913	$37.00
CHARGING CRADLE ASSEMBLY	10092233	$67.00
VEHICLE CHARGER	10095774	$194.00
4-UNIT MULTI-UNIT CHARGER NA PLUG	10127422	$300.00
12-UNIT MULTI-UNIT CHARGER NA PLUG	10143372	$900.00

ACCESSORIES	Part No.	List Price
STAINLESS STEEL SUSPENDER CLIP	10069894	$14.00
MSA LINK™ SOFTWARE CD-ROM	10088099	$61.00
JetEye IR ADAPTER WITH USB CONNECTOR	10082834	$254.00

SENSOR / SPARE PARTS	Part No.	List Price
KIT, XCell EX-M COMBUSTIBLE SENSOR	10121212	$249.00
KIT, XCell O$_2$ SENSOR	10106729	$198.00
KIT, XCell CO/H$_2$S TWO-TOX SENSOR	10106725	$264.00
KIT, XCell CO/NO$_2$ TWO-TOX SENSOR	10121217	$363.00
FRONT HOUSING WITH INTEGRATED DUST FILTERS (CHARCOAL)	10110030	$31.00
FRONT HOUSING WITH INTEGRATED DUST FILTERS (PHOSPHORESCENT)	10110029	$33.00
MAIN BOARD WITH BATTERY PACK	10124956	$214.00
LCD FRAME ASSEMBLY (frame, LCD, zebra strips, screws)	10110061	$45.00
SENSOR GASKET, PHILLIPS SCREWS (4X), SELF-TAPPING (2X)	10110062	$27.00
CD MANUAL, ALTAIR 4X MULTIGAS DETECTOR	10106623	$29.00

GALAXY AUTOMATED TEST SYSTEM	Part No.	List Price
BASIC SYSTEM (test stand, power supply)	10144715	$1,925.00
SMART SYSTEM + CYLINDER HOLDER (test stand, power supply, regulator, memory card)	10144716	$2,325.00
GALAXY SYSTEM END CAP	10061219	$43.00

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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. To calculate your instrument price, write in price for each option in the space provided to the right, add up the total to the base price of $384.00.

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	Price	Selection	Price
Charcoal	C	$0.00		$
Phosphorescent (glow-in-the-dark)	G	$21.00		

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	Price	Selection	Price
None	0	$0.00		$
0-5% Vol methane	C	$196.00		

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	Price	Selection	Price
None	0	$0.00		$
0-30% Vol	1	$170.00		

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	Price	Selection	Price
None	0	$0.00		$
0-1999 ppm CO and 0-200 ppm H_2S	A	$216.00		
0-1999 ppm CO	B	$170.00		
0-200 ppm H_2S	C	$170.00		
0-1999 ppm CO and 0-50 ppm NO_2	D	$350.00		
0-50 ppm NO_2	E	$225.00		

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	Price	Selection	Price
None	0	$0.00		$
North American	N	$26.00		
North American with cradle	M	$41.00		

F — APPROVAL LABEL

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

Approval Label Options	Code	Price	Selection	Price
MSHA	M	$0.00	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	Price	Selection	Price
3 years standard warranty	0	$0.00		$
Extended warranty (4 years total)	1	$335.00		

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][ ]

Add base unit price **$384.00**

Total Unit Price =
$

All Pricing is in U.S. Dollars