

- 4-year life
- 3-year instrument warranty
- Lower maintenance cost
- Less calibration gas required
- Response and clear times less than 15 seconds
- Improved repeatability and accuracy
- End-of-sensor-life warning allows for planned sensor replacement reducing instrument down time
- Galaxy™ System-compatible for powerful calibration and fleet-management system
- MotionAlert™ feature activates when no movement is detected for 30 seconds, indicating "Man down"
- InstantAlert™ feature is a manually activated alarm to alert others of hazardous situations
- MSA Link™ Software-compatible for easy data-management and configuration through your PC
- Bump check mode provides clear indication of bump check status and provides long-term record storage
- Approval agency certified IP67 Rating, dust and water resistance
- 24-hour run time ensures continuous operation over 3 shifts
- Ergonomic design for comfort and easy operation even with gloved hands

# ALTAIR® 4X Multigas Detector Assemble-To-Order System and Pricing Guide



## Approvals/Replacement Parts/Kits

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

Description	Part No.	List Price
ALTAIR 4X Multigas Detector (LEL, O2, CO, H2S) Charcoal	10107602	\$922.00
ALTAIR 4X Multigas Detector (LEL, O2, CO) Charcoal	10110443	\$876.00
ALTAIR 4X Multigas Detector (LEL, O2) Charcoal	10110444	\$706.00
ALTAIR 4X Multigas Detector (LEL, O2, CO, H2S) Phosphorescent	10107603	\$943.00
ALTAIR 4X Multigas Detector (LEL, O2, CO) Phosphorescent	10110445	\$896.00
ALTAIR 4X Multigas Detector (LEL, O2) Phosphorescent	10110446	\$726.00

Calibration Accessories	Part No.	List Price
Regulator 0.25 lpm Model RP	467895	\$199.00
34L quad gas mix (1.45% CH4, 15% O2, 60 ppm CO, 20 ppm H2S)	10048280	\$244.00
Calibration assembly (cap, tube, connector)	10089321	\$16.00
58L Quad gas mix (1.45% CH4, 15% O2, 60 ppm CO, 20 ppm H2S)	10045035	\$364.00

Power Supply	Part No.	List Price
Charging cradle components	10086639	\$24.00
North American power supply	10087913	\$32.00
Charging cradle assembly	10092233	\$55.00
Vehicle charger	10095774	\$156.00
5-Unit multi-unit charger NA plug	10111212	\$677.00
10-Unit multi-unit charger NA plug	10111214	\$1,263.00

Accessories	Part No.	List Price
Stainless steel suspender clip	10069894	\$10.00
Universal pump probe (UL)	10046528	\$438.00
MSA Link™ Software CD-ROM	10088099	\$48.00
JetEye IR Adapter with USB connector	10082834	\$203.00
Hand aspirator assembly	10050333	\$82.00

Sensors / Spare Parts	Part No.	List Price
Kit, XCell Ex combustible sensor	10106722	\$216.00
Kit, XCell O2 sensor	10106729	\$185.00
Kit, XCell CO/H2S two-tox sensor	10106725	\$247.00
Front housing with integrated dust filters (Charcoal)	10110030	\$24.00
Front housing with integrated dust filters (Phosphorescent)	10110029	\$24.00
Main board with battery pack	10106621	\$192.00
LCD frame assembly (frame, LCD, zebra strips, screws)	10110061	\$39.00
Sensors gasket, Phillips screws (4x), self-tapping (2x)	10110062	\$23.00
CD manual, ALTAIR 4X Multigas Detector	10106623	\$22.00

Description	ATEX Part No.	AUS/NZ Part No.
ALTAIR 4X Multigas Detector (LEL, O2, CO, H2S) Charcoal	10110453	10110447
ALTAIR 4X Multigas Detector (LEL, O2, CO) Charcoal	10110454	10110448
ALTAIR 4X Multigas Detector (LEL, O2) Charcoal	10110455	10110449

ALTAIR 4 Kits, 4-gas in black case with calibration cylinder and 0.25 lpm regulator		
Description	UL Approval Part No.	Price
ALTAIR 4X, 4-gas	10110488	\$1,478.00
ALTAIR 4X, 4-gas with Universal Pump Probe (Pending CSA Instrument Approval)	10110489	\$1,915.00

Sampling Lines	Part No.	List Price
5 foot polyurethane	10053795	\$58.00
10 foot polyurethane	10053794	\$61.00
25 foot polyurethane	10047370	\$63.00
50 foot polyurethane	10047349	\$99.00

For information on the ALTAIR 4 Galaxy System see Galaxy System ATO bulletin (0818-08-MC).

**Note:** This bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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# ALTAIR 4X Multigas Detector 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 the price for each option in the space provided to the right, add up the total to the base price of \$314 and write it in the "Total Unit Price" box below.

<b>A. Instrument Type</b>	The Altair 4X Multigas Detector now comes standard with MSA's new XCell Sensors and MotionAlert feature to indicate 'man-down'.	<b>Instrument Type</b>	<b>Code</b>	<b>Price</b>	<b>Selection</b>	<b>Price</b>
		Altair 4X w/ XCell Sensors and MotionAlert feature	X	\$0.00	<input checked="" type="checkbox"/>	\$

<b>B. Combustible Sensor</b>	Choose your combustible sensor calibration. To select 0-100% LEL pentane, please choose L, for 0-5% Vol methane, choose M. For no combustible sensor, select 0 for none.	<b>Combustible Sensor</b>	<b>Code</b>	<b>Price</b>	<b>Selection</b>	<b>Price</b>
		None	0	\$0.00	<input type="checkbox"/>	\$
		LEL 1-100% pentane	L	\$196.00	<input type="checkbox"/>	\$
		0-5% Vol methane	M	\$196.00	<input type="checkbox"/>	\$

<b>C. Oxygen Sensor</b>	To have an oxygen sensor installed in your new ALTAIR 4X Multigas Detector, please select 2. For no oxygen sensor, please select 0.	<b>Oxygen Sensor Options</b>	<b>Code</b>	<b>Price</b>	<b>Selection</b>	<b>Price</b>
		None	0	\$0.00	<input type="checkbox"/>	\$
		0-30% Vol	2	\$170.00	<input type="checkbox"/>	\$

<b>D. Toxic Sensor</b>	To configure your new ALTAIR 4X Multigas Detector choose 0 for no toxic sensor. Choose A for both CO and H2S sensors, choose B for CO, and C for H2S.	<b>Toxic Sensor Options</b>	<b>Code</b>	<b>Price</b>	<b>Selection</b>	<b>Price</b>
		None	0	\$0.00	<input type="checkbox"/>	\$
		0-999 ppm CO and 0-200 ppm H <sub>2</sub> S	A	\$216.00	<input type="checkbox"/>	\$
		0-999 ppm CO	B	\$170.00	<input type="checkbox"/>	\$
		0-200 ppm H <sub>2</sub> S	C	\$170.00	<input type="checkbox"/>	\$

<b>E. Power Supply</b>	Select the correct power supply for your region. Add an instrument cradle to firmly secure your instrument while charging on the shelf or on a vehicle.	<b>Power Supply Options</b>	<b>Code</b>	<b>Price</b>	<b>Selection</b>	<b>Price</b>
		None	0	\$0.00	<input type="checkbox"/>	\$
		North American	N	\$26.00	<input type="checkbox"/>	\$
		European with cradle	E	\$67.00	<input type="checkbox"/>	\$
		Australian with cradle	A	\$67.00	<input type="checkbox"/>	\$
		North American with cradle	M	\$41.00	<input type="checkbox"/>	\$
		Global	G	\$26.00	<input type="checkbox"/>	\$

<b>F. Approval Label</b>	Choose the applicable approval label for your area. For Europe choose E, for North America choose C, and for Australia choose A.	<b>Approval Label Options</b>	<b>Code</b>	<b>Price</b>	<b>Selection</b>	<b>Price</b>
		Europe ATEX	E	\$0.00	<input type="checkbox"/>	\$
		North America (Canada pending)	C	\$0.00	<input type="checkbox"/>	\$
		Australia	A	\$0.00	<input type="checkbox"/>	\$

<b>G. Extended Warranty</b>	MSA includes a full 3-year warranty on the Altair 4X Multigas Detector, which includes sensors, battery and electronics. Choose 1 for an additional year (four years total).	<b>Extended Warranty Options</b>	<b>Code</b>	<b>Price</b>	<b>Selection</b>	<b>Price</b>
		Three years standard warranty	0	\$0.00	<input type="checkbox"/>	\$
		Extended warranty (four years total)	1	\$325.00	<input type="checkbox"/>	\$

<b>H. Packaging</b>	To order bulk packaging for up to 10 units, choose 1 (one instrument version per package); to order the standard single unit carton choose 0.	<b>Packaging</b>	<b>Code</b>	<b>Price</b>	<b>Selection</b>	<b>Price</b>
		Single carton	0		<input type="checkbox"/>	\$
		10-unit bulk package	1	Total price X 10	<input type="checkbox"/>	\$

<b>I. Color Case Option</b>		<b>Color Case Option</b>	<b>Code</b>	<b>Price</b>	<b>Selection</b>	<b>Price</b>
		Standard Charcoal	0	\$0.00	<input type="checkbox"/>	\$
		Phosphorescent (Glow-in-the-Dark)	G	\$21.00	<input type="checkbox"/>	\$

## Your Model Part Number

Please write 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** **H**  
 A-ALT4-  -  -  -  -  -  -  -

Add base unit price **\$314.00**

Total Unit Price = \$

**All Pricing in US Dollars**