

# ALTAIR® 4X Multigas Detector

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



## Approvals and Standards/Kits/Replacement Parts

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	N. AM. PART NO.	LIST PRICE
ALTAIR 4X MULTIGAS DETECTOR (LEL, O <sub>2</sub> , CO, H <sub>2</sub> S) CHARCOAL	10107602	\$1,017.00
ALTAIR 4X MULTIGAS DETECTOR (LEL, O <sub>2</sub> , CO) CHARCOAL	10110443	\$971.00
ALTAIR 4X MULTIGAS DETECTOR (LEL, O <sub>2</sub> ) CHARCOAL	10110444	\$801.00
ALTAIR 4X MULTIGAS DETECTOR (LEL, O <sub>2</sub> , CO, H <sub>2</sub> S) PHOSPHORESCENT	10107603	\$1,038.00
ALTAIR 4X MULTIGAS DETECTOR (LEL, O <sub>2</sub> , CO) PHOSPHORESCENT	10110445	\$991.00
ALTAIR 4X MULTIGAS DETECTOR (LEL, O <sub>2</sub> ) PHOSPHORESCENT	10110446	\$821.00

DESCRIPTION	ATEX PART NO.	AUS/NZ PART NO.
ALTAIR 4X MULTIGAS DETECTOR (LEL, O <sub>2</sub> , CO, H <sub>2</sub> S) CHARCOAL	10110453	10110447
ALTAIR 4X MULTIGAS DETECTOR (LEL, O <sub>2</sub> , CO) CHARCOAL	10110454	10110448
ALTAIR 4X MULTIGAS DETECTOR (LEL, O <sub>2</sub> ) CHARCOAL	10110455	10110449

CALIBRATION ACCESSORIES	PART NO.	LIST PRICE
REGULATOR 0.25 LPM MODEL RP	467895	\$221.00
CALIBRATION ASSEMBLY (CAP, TUBE, CONNECTOR)	10089321	\$19.00
34L QUAD GAS MIX (1.45% CH <sub>4</sub> , 15% O <sub>2</sub> , 60 PPM CO, 20 PPM H <sub>2</sub> S)	10048280	\$270.00
58L QUAD GAS MIX (1.45% CH <sub>4</sub> , 15% O <sub>2</sub> , 60 PPM CO, 20 PPM H <sub>2</sub> S)	10045035	\$401.00

ALTAIR 4X 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	\$1,602.00
ALTAIR 4X, 4-GAS WITH UNIVERSAL PUMP PROBE	10110489	\$2,072.00

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

ACCESSORIES	PART NO.	LIST PRICE
STAINLESS STEEL SUSPENDER CLIP	10069894	\$14.00
UNIVERSAL PUMP PROBE (UL)	10046528	\$493.00
MSA LINK™ SOFTWARE CD-ROM	10088099	\$61.00
JETEYE IR ADAPTER WITH USB CONNECTOR	10082834	\$254.00
HAND ASPIRATOR ASSEMBLY	10050333	\$103.00
ALTAIR 4X HOLSTER, LEATHER	10113308	\$109.00
SENSORS / SPARE PARTS	PART NO	LIST PRICE
KIT, XCELL EX COMBUSTIBLE SENSOR	10106722	\$232.00
KIT, XCELL O <sub>2</sub> SENSOR	10106729	\$198.00
KIT, XCELL CO/H <sub>2</sub> S TWO-TOX SENSOR	10106725	\$264.00
KIT, XCELL CO/H <sub>2</sub> S-LC TWO-TOX SENSOR	10121213	\$264.00
KIT, XCELL CO H <sub>2</sub> -RES/H <sub>2</sub> S TWO-TOX SENSOR	10121214	\$333.00
KIT, XCELL SO <sub>2</sub> /H <sub>2</sub> S-LC TWO-TOX SENSOR	10121215	\$333.00
KIT, XCELL NO <sub>2</sub> /CO 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	10106621	\$214.00
LCD FRAME ASSEMBLY (FRAME, LCD, ZEBRA STRIPS, SCREWS)	10110061	\$45.00
SENSORS GASKET, PHILLIPS SCREWS (4X), SELF-TAPPING (2X)	10110062	\$27.00
CD MANUAL, ALTAIR 4X MULTIGAS DETECTOR	10106623	\$29.00
SAMPLING LINES	PART NO	LIST PRICE
5 FOOT POLYURETHANE	10053795	\$67.00
10 FOOT POLYURETHANE	10053794	\$70.00
25 FOOT POLYURETHANE	10047370	\$83.00
50 FOOT POLYURETHANE	10047349	\$114.00

For information on the ALTAIR 4X Galaxy GX2 System, see Galaxy GX2 System ATO bulletin (0818-21-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 Detector with MSA XCell™ Sensors provide:

- 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
- Exclusive end-of-service warning allows for planned sensor replacement reducing instrument down time
- GALAXY® GX2 System-compatible for powerful calibration and fleet-management
- 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™ Pro and MSA Link Software allows all stored records to be easily accessed for printed calibration reports and alarm set point changes
- 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 (ATO) Options

To select your configuration, select instrument options and mark the code in the selection boxes to the right. To calculate your cost, write the price for each option in the price box. Add up the total and write it in the “Total Unit Price” box below.

Option	Description	Code	Price	Selection	Price
<b>A</b>	<b>INSTRUMENT TYPE</b> The Altair 4X Multigas Detector comes standard with MSA's XCell Sensors and MotionAlert feature to indicate 'man-down'.	<b>Instrument Type</b> Altair 4X w/ XCell Sensors and MotionAlert feature	X \$409.00	X	\$409.00
<b>B</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> None LEL 1-100% pentane 0-5% Vol methane	O \$0.00 L \$196.00 M \$196.00		\$
<b>C</b>	<b>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> None 0-30% Vol	0 \$0.00 2 \$170.00		\$
<b>D</b>	<b>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. To select a low concentration H2S (H2S-LC) sensor with 0-100 ppm range and 0.1 ppm resolution, choose option G for both CO and H2S-LC, choose option H for H2S-LC only. Choose option J for both NO2 and CO sensors. For SO2 and H2S-LC sensors, choose option K. For a Hydrogen Resistant CO sensor with H2S, choose L.	<b>Toxic Sensor Options</b> None 0-1999 ppm CO and 0-200 ppm H2S 0-999 ppm CO 0-200 ppm H2S 0-1999 ppm CO and 0-100 ppm H2S-LC 0-99.9 ppm H2S-LC 0-1999 ppm CO and 0-50 ppm NO2 0-99.9 ppm H2S-LC and 0-20 ppm SO2 0-1999 ppm CO H2-Res and 0-200 ppm H2S	0 \$0.00 A \$216.00 B \$170.00 C \$170.00 G \$216.00 H \$170.00 J \$350.00 K \$320.00 L \$275.00		\$
<b>E</b>	<b>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 in a vehicle.	<b>Power Supply Options</b> None North American European with cradle Australian with cradle North American with cradle Global	0 \$0.00 N \$26.00 E \$67.00 A \$67.00 M \$41.00 G \$26.00		\$
<b>F</b>	<b>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> Europe ATEX North America Australia	E \$0.00 C \$0.00 A \$0.00		\$
<b>G</b>	<b>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> Three years standard warranty Extended warranty (four years total)	0 \$0.00 1 \$335.00		\$
<b>H</b>	<b>PACKAGING</b> To order bulk packaging for up to 10 units, choose 1 (one instrument configuration per package of 10 instruments); to order the standard single unit carton choose 0.	<b>Packaging</b> Single carton 10-unit bulk package	0 \$0.00 1† \$0.00		\$
<b>I</b>	<b>COLOR CASE OPTION</b>	<b>Color Case Option</b> Standard Charcoal Phosphorescent (Glow-in-the-Dark)	0 \$0.00 G \$21.00		\$

#### Your Model Part Number

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

Selection      A      B      C      D      E      F      G      H      I

A-ALT4-    X                               

Total Unit Price =

\$

All Pricing in U.S. Dollars

† If bulk packaging is selected, multiply Total Unit Price by 10 times.