

ALTAIR® 4X Multigas Detector

Assemble-To-Order System



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.
ALTAIR 4X MULTIGAS DETECTOR (LEL, O ₂ , CO, H ₂ S) CHARCOAL	10107602
ALTAIR 4X MULTIGAS DETECTOR (LEL, O ₂ , CO, H ₂ S-LC) CHARCOAL	10148343
ALTAIR 4X MULTIGAS DETECTOR (LEL, O ₂ , CO) CHARCOAL	10110443
ALTAIR 4X MULTIGAS DETECTOR (LEL, O ₂) CHARCOAL	10110444
ALTAIR 4X MULTIGAS DETECTOR (LEL, O ₂ , CO, H ₂ S) PHOSPHORESCENT	10107603
ALTAIR 4X MULTIGAS DETECTOR (LEL, O ₂ , CO) PHOSPHORESCENT	10110445
ALTAIR 4X MULTIGAS DETECTOR (LEL, O ₂) PHOSPHORESCENT	10110446

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

CALIBRATION ACCESSORIES	PART NO.
REGULATOR 0.25 LPM MODEL RP	467895
CALIBRATION ASSEMBLY (CAP, TUBE, CONNECTOR)	10089321
34L QUAD GAS MIX (1.45% CH ₄ , 15% O ₂ , 60 PPM CO, 20 PPM H ₂ S)	10048280
58L QUAD GAS MIX (1.45% CH ₄ , 15% O ₂ , 60 PPM CO, 20 PPM H ₂ S)	10045035

ALTAIR 4X KITS, 4-GAS IN BLACK CASE WITH CALIBRATION CYLINDER AND 0.25 LPM REGULATOR	
DESCRIPTION	UL APPROVAL PART NO.
ALTAIR 4X, 4-GAS	10110488
ALTAIR 4X, 4-GAS WITH UNIVERSAL PUMP PROBE	10110489

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

ACCESSORIES	PART NO.
STAINLESS STEEL SUSPENDER CLIP	10069894
ALTAIR PUMP PROBE NA W/ CHARGER	10152669
MSA LINK™ SOFTWARE CD-ROM	10088099
JET-EYE IR ADAPTER WITH USB CONNECTOR	10082834
HAND ASPIRATOR ASSEMBLY	10050333
ALTAIR 4X HOLSTER, LEATHER	10113308
SENSORS / SPARE PARTS	PART NO
KIT, XCELL EX COMBUSTIBLE SENSOR	10106722
KIT, XCELL O ₂ SENSOR	10106729
KIT, XCELL CO/H ₂ S TWO-TOX SENSOR	10106725
KIT, XCELL CO/H ₂ S-LC TWO-TOX SENSOR	10121213
KIT, XCELL CO H ₂ -RES/H ₂ S TWO-TOX SENSOR	10121214
KIT, XCELL SO ₂ /H ₂ S-LC TWO-TOX SENSOR	10121215
KIT, XCELL NO ₂ /CO 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	10106621
LCD FRAME ASSEMBLY (FRAME, LCD, ZEBRA STRIPS, SCREWS)	10110061
SENSORS GASKET, PHILLIPS SCREWS (4X), SELF-TAPPING (2X)	10110062
CD MANUAL, ALTAIR 4X MULTIGAS DETECTOR	10106623
SAMPLING LINES	PART NO
10 FOOT POLYURETHANE	10153103
25 FOOT POLYURETHANE	10153104
50 FOOT POLYURETHANE	10153105

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.



MSA – The Safety Company
 1000 Cranberry Woods Drive
 Cranberry Township, PA 16066 USA
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www.MSAsafety.com
U.S. Customer Service Center
 Phone 1-800-MSA-2222
 Fax 1-800-967-0398

MSA Canada
 Phone 1-800-672-2222
 Fax 1-800-967-0398
MSA Mexico
 Phone 01-800-672-7222
 Fax 52-44 2222 3943



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.

A	INSTRUMENT TYPE	The Altair 4X Multigas Detector comes standard with MSA's XCell Sensors and MotionAlert feature to indicate 'man-down'.	Instrument Type Altair 4X w/ XCell Sensors and MotionAlert feature	Code X	Selection X
B	COMBUSTIBLE SENSOR	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.	Combustible Sensor None LEL 1-100% pentane 0-5% Vol methane	Code O L M	Selection
C	OXYGEN SENSOR	To have an oxygen sensor installed in your new ALTAIR 4X Multigas Detector, please select 2. For no oxygen sensor, please select 0.	Oxygen Sensor Options None 0-30% Vol	Code 0 2	Selection
D	TOXIC SENSOR	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.	Toxic Sensor Options 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	Code 0 A B C G H J K L	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 None North American European with cradle Australian with cradle North American with cradle Global	Code 0 N E A M G	Selection
F	APPROVAL LABEL	Choose the applicable approval label for your area. For Europe choose E, for North America choose C, and for Australia choose A.	Approval Label Options Europe ATEX North America Australia	Code E C A	Selection
G	EXTENDED WARRANTY	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).	Extended Warranty Options Three years standard warranty Extended warranty (four years total)	Code 0 1	Selection
H	PACKAGING	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.	Packaging Single carton 10-unit bulk package	Code 0 1	Selection
I	COLOR CASE OPTION		Color Case Option Standard Charcoal Phosphorescent (Glow-in-the-Dark)	Code 0 G	Selection

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 ALT4- [X] [] [] [] [] [] [] [] []