ALTAIR® 5X Multigas Detector

Ordering Selection Matrix

MSA
The Safety Company

Replacement Parts/Kits

SPARE PARTS/REPLACEMENTS

	PART NO.
BATTERY PACK ASSEMBLY, RECHARGEABLE	10114835
BATTERY PACK, ALKALINE (INCLUDES BELT CLIP)	10114837
BATTERY PACK, RECHARGEABLE, PID/IR	10114839
BELT CLIP REPLACEMENT KIT	10094830
FILTER COVER ASSEMBLY	10083591
FILTER COVER ASSEMBLY (PID)	10165275
MAINTENANCE KIT	10114949
MAINTENANCE KIT (PID)	10165285
MAINTENANCE KIT (CL2, CIO2, NH3)	10114950
SHOULDER STRAP	474555
RETRACTABLE LINE WITH BELT CLIP	10050976
CARRYING CASE, CORDURA, UL ONLY	10040586
ALTAIR 5X HOLSTER, LEATHER	10099648
VEHICLE CHARGER	10099397
FRONT HOUSING WITH INTEGRATED FILTERS	10114853
FRONT HOUSING WITH INTEGRATED FILTERS (PID)	10165249
MULTI-UNIT CHARGER, ALTAIR 5X DETECTOR, 4-UNIT	10127427

CALIBRATION ACCESSORIES

	PART NO.
DEMAND FLOW REGULATOR (UNIVERSAL)	10034391
CASE WITH GAS MISER® REGULATOR, DEMAND FLOW RP KIT (includes tubing and fitting, less gas)	10050985
CALIBRATION TUBING WITH QUICK-DISCONNECT FITTING	10041225
58L RP 60 PPM CO, 20 PPM H2S, 15% O2, 1.45% CH4	10045035
58L RP 60 PPM CO, 20 PPM H2S, 15% O2, 1.45% CH4, 2.5% CO2	10103262
58L RP 60 PPM CO, 20 PPM H2S, 15% O2, 1.45% CH4, 10 PPM SO2	10117738
34L ECONO-CAL® CYLINDER, 60 PPM CO, 20 PPM H2S, 15% O2, 1.45% CH4	10048280
34L ECONO-CAL CYLINDER, 60 PPM CO, 15% O2, 1.45% CH4	10048789
34L ECONO-CAL 100PPM ISOBUTYLENE	10048279
100L 100PPM ISOBUTYLENE	494450

For information on the ALTAIR 5X Galaxy GX2 System, see GALAXY GX2 System ATO bulletin (0818-21-MC).

SAMPLING ACCESSORIES

	PART NO.
SAMPLING LINE, GENERAL PURPOSE, 10-FT PU	10153218
SAMPLING LINE, GENERAL PURPOSE, 15-FT PU	10153219
SAMPLING LINE WITH QUICK-DISCONNECT, 10-FT PU	10040665
SAMPLING LINE WITH QUICK-DISCONNECT, 25-FT PU	10040664
SAMPLING LINE WITH QUICK-DISCONNECT, 10-FT TEFLON	10049058
SAMPLING LINE WITH QUICK-DISCONNECT, 25-FT TEFLON	10049057
SAMPLING LINE WITH QUICK-DISCONNECT, 3-FT PU COILED	10040667
SAMPLING LINE WITH QUICK-DISCONNECT FOR REACTIVE GASES, 10-FT TEFLON STRAIGHT	10105839
GENERAL PURPOSE PROBE, CLEAR, 1-FT	10153041
PROBE, 1-FT	10042621
PROBE, 3-FT	10042622
QUICK-DISCONNECT ADAPTER	10161755
FILTER, WATER STOP, PACK OF 10	801582

SENSOR SPARE PARTS/REPLACEMENTS

	PART NO.
KIT, XCell® Ex SENSOR, COMBUSTIBLE	10106722
KIT, XCell O2 SENSOR	10106729
KIT, XCell CO/H2S TWO-TOX SENSOR	10106725
KIT, XCell CO/H2S-LC TWO-TOX SENSOR	10121213
KIT, XCell CO H2-RES/H2S TWO-TOX SENSOR	10121214
KIT, XCell CO-HC SENSOR	10121216
KIT, XCell NO2/CO TWO-TOX SENSOR	10121217
KIT, REPLACEMENT, HCN	10106375
KIT, XCell CI2 SENSOR REPLACEMENT	10106728
KIT, REPLACEMENT, CIO2	10080222
KIT, XCell SO2 SENSOR REPLACEMENT	10106727
KIT, REPLACEMENT, NO2	10080224
KIT, XCell NH3 SENSOR REPLACEMENT	10106726
KIT, REPLACEMENT, PH3	10116638
KIT, REPLACEMENT, NO	10114750
KIT, REPLACEMENT, PID 10.6EV SENSOR	10165271
KIT, REPLACEMENT, PID 10.6EV LAMP	10165272
KIT, PID LAMP CLEANING	10165248
KIT, PID MAINTENANCE	10165247
XCell SENSOR PLUG	10105650
SENSOR PLUG, OXYGEN AND TOXICS (20 MM)	10088192

ALTAIR® 5X Multigas Detector

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ALTAIR 5X Multigas Detector Features:

• Industry-first LEL, O2, CO, H2S, and SO2 60-second span calibration and 10-second bump test time
• Thick rubberized housing provides a non-slip profile for secure grip, easily surviving a 10-ft drop
• MotionAlert™ feature activates when unit does not detect movement for 30 seconds, indicating "man down"
• InstantAlert™ feature offers manual activation of all alarms to alert others to potentially hazardous situations
• Minimum IP65 rating for dust and water ingress
• High resolution color display provides crystal clear visibility indoors or out, even in bright sunlight, where lesser displays fail to provide critical information. Display may be customized using your company's logo
• Monochrome display provides cost effective solutions without sacrificing basic functions expected from a high-end gas detector
• Multi-language capability to serve your needs virtually anywhere in the world, using one of many built-in languages
• GALAXY® GX2 System-compatible for automatic testing, calibration and record keeping
• Lithium-ion battery pack provides over 18 hours of run time with virtually no memory effects and fast battery recharge
• MSA Link™ Pro and MSA Link Software allows all stored records to be easily accessed for printed calibration reports and alarm set-point changes
• Visual, vibrating and audible alarms grab user's attention, indicating a potentially hazardous situation
• Large, ergonomically-designed buttons ensure easy reach and operation, even with gloved hands

Ordering Information
ALTAIR 5X Multigas Detector (UL approval), with quick-start card, data logging, charger, calibration tubing. CD manual.

DESCRIPTION	UL P/N	CSA P/N
		INSTRUMENT ONLY
ALTAIR 5X DETECTOR MONO, (LEL, O2, CO, H2S)	10116924	10115118
ALTAIR 5X DETECTOR MONO, (LEL, O2, CO, H2S, SO2)	10116925	10115119
ALTAIR 5X DETECTOR COLOR, (LEL, O2, CO, H2S, PID)	10165445	
STANDARD KITS - MONOCHROME DISPLAY, 10-FT SAMPLING LINE, 1-FT PROBE		
ALTAIR 5X DETECTOR MONO, (LEL, O2, CO, H2S)	10116926	10115120

Ordering Information
ALTAIR 5X Multigas Detector (UL approval), with quick-start card, data logging, charger, calibration tubing. CD manual.

DESCRIPTION	UL P/N	CSA P/N
ALTAIR 5X DETECTOR MONO, (LEL, O2, CO, H2S, SO2)	10116927	10115141
DELUXE KITS - COLOR DISPLAY, 10-FT SAMPLING LINE, 1-FT PROBE		
ALTAIR 5X DETECTOR COLOR, (LEL, O2, CO, H2S)	10116928	10115142
ALTAIR 5X DETECTOR COLOR, (LEL, O2, CO, H2S, SO2)	10116929	10115143
ALTAIR 5X DETECTOR COLOR, (LEL, O2, CO, H2S, PID)	10165446	

ALTAIR 5X Assemble-To-Order (ATO) Options

MSA
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Ordering Selection Matrix

A INSTRUMENT TYPE

All ALTAIR 5X Multigas Detectors come standard with data logging and MotionAlert and InstantAlert features. Choose your instrument type, equipped with internal pump. The monochrome full-graphic display is standard; a high-resolution crystal-clear color display with logo customization is optional.

A   Pumped with monochrome display

B   Pumped with color display

D   Pumped with color display for PID (unit must be configured with PID sensor)

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.

0   None

L   LEL 1- 100% pentane

M   0-5% Vol methane

C SENSOR #1

To have an oxygen sensor installed in your new ALTAIR 5X Multigas Detector, please select K; if you plan on configuring the ALTAIR 5X Detector with two exotic sensors with CO/H2S, please select 1 for both CO and H2S sensors; for no sensor enter 0. NOTE: Please go to www.msasafety.com and navigate to the ALTAIR 5X product page. There you can click on and use the Configure This Product tool to determine which sensor combinations are allowed in configuring an ALTAIR 5X. For example, you can not combine NH3 and Cl2 sensors in one ALTAIR 5X.

0   None

K   Oxygen 0-30%

1   CO/H2S 0-1999 ppm & 0-200 ppm

2   CO 0-1999 ppm

3   H2S 0-200 ppm

4   CO/H2S-LC 0-1999 ppm & 0-99.9 ppm

5   CO-HC 0-10,000 ppm

6   CO/NO2 0-1999 ppm & 50 ppm

7   CO H2-ResH2S 0-1999 ppm & 0-200 ppm

D SENSOR #2

Choose your toxic gas sensor.

0   None

A   SO2 0-20 ppm

B   Cl2 0-10 ppm

C   NO2 0-20 ppm

D   NH3 0-100 ppm

E   PH3 0-5 ppm

F   HCN 0-30 ppm

G   ClO2 0-1 ppm

H   NO 0-200 ppm

E SENSOR #3

Choose your additional toxic gas sensors.

0   None

1   CO/H2S 0-1999 ppm & 0-200 ppm

2   CO 0-1999 ppm

3   H2S 0-200 ppm

4   CO/H2S-LC 0-1999 ppm & 0-99.9 ppm

5   CO-HC 0-10,000 ppm

6   CO/NO2 0-1999 ppm & 50 ppm

7   CO H2-ResH2S 0-1999 ppm & 0-200 ppm

A   SO2 0-20 ppm

B   Cl2 0-10 ppm

D   NH3 0-100 ppm

F ADVANCED SENSOR

Add your advanced IR or PID sensor to complete your sensor suite in the ALTAIR 5X Multigas Detector. Combustible sensors are not available with CSA performance approvals.

0   None

1   10.6eV 0-2000 ppm

B   CO2 0-10% Vol

D   Butane 0-25% Vol

F   Propane 0-100% Vol

L   Methane 0-100% Vol

G PACKAGING

For an economy plastic carrying case, choose E; for red, choose R; for standard carton packaging, choose 0.

0   Standard carton

E   Economy plastic

R   Red economy

H APPROVAL LABEL

Choose the applicable approval label for your area. For North America, choose C, for Europe choose E, for Australia, choose A.

C   NORTH AMERICA

T   UL only (no catalytic combustible sensor in unit)

E   Europe ATEX

A   Australia

I LOGO EXPRESS® SERVICE

Upon startup, the ALTAIR 5X Multigas Detector can display your company logo or other information. Be sure to select color display for this option. To add your company logo, choose L and upload your logo to the web address which will be sent automatically to you via email. Your order with customized logo cannot be processed without uploading your logo.

0   None

L   Logo Express Service

J SAMPLING LINE AND PROBE KIT

MSA's quality sampling lines and probes are durable, easy to use and offer high speed and convenience using our quick-connect fittings. If you are sampling Cl2, ClO2 and/or NH3, please select option 2; for all other gases select options S or 1. Options 1 and 2 come with quick disconnect sampling lines and probes. For no sampling line or probe, select 0.

0   None

S   1-ft clear probe and 10-ft PU Line

1   1-ft probe and 10-ft PU line w/ QD

2   1-ft probe and 10-ft teflon line w/ QD (reactive gases)

Note:
An additional surcharge will be added to configurations that are classified as hazardous materials

A-ALT5X-

A	B	C	D	E	F	G	H	I	J	Qty

PART NUMBER