

GAS DETECTION

BW CLIP SINGLE-GAS DETECTOR

- Maintenance-free: no sensor or battery changes necessary
- Offers extended longevity with a field-replaceable battery and sensor
- Compact, lightweight design with one-button operation
- Designed for a range of harsh environments and extreme temperatures
- Hibernation mode with case accessory or IntelliDoX
- Automated self-test of battery, sensor and electronics
- Wide-angle flash, which alerts simultaneously with audible and vibrating alarm
- Automatic logging of the 35 most recent gas events and bump test results
- Compatible with MicroDock II and Fleet Manager II software
- Affordable, with low cost of ownership



Model No.	Mfg. No.	Description	Measuring Range	Default Alarm Setpoints		Price /Each
				Low	High	

BW CLIP 2-YEAR DETECTORS

HZ174	BWC2-H	Hydrogen sulfide (H ₂ S)	1-100 ppm	10 ppm	15 ppm	
HZ175	BWC2-HS10	Hydrogen sulfide (H ₂ S)	1-100 ppm	5 ppm	10 ppm	
HZ176	BWC2-HS15	Hydrogen sulfide (H ₂ S)	1-100 ppm	5 ppm	15 ppm	
HZ177	BWC2-M	Carbon monoxide (CO)	0-300 ppm	35 ppm	200 ppm	
HZ178	BWC2-M50200	Carbon monoxide (CO)	0-300 ppm	50 ppm	200 ppm	
HZ181	BWC2-X	Oxygen (O ₂)	0-25%	19.5% vol.	23.5% vol.	
HZ179	BWC2-S	Sulfur Dioxide (SO ₂)	0-100 ppm	5 ppm	10 ppm	
HZ180	BWC2-S24	Sulfur Dioxide (SO ₂)	0-100 ppm	2 ppm	4 ppm	

BW CLIP 3-YEAR DETECTORS

HZ183	BWC3-H	Hydrogen sulfide (H ₂ S)	0-100 ppm	10 ppm	15 ppm	
HZ184	BWC3-M	Carbon monoxide (CO)	0-300 ppm	35 ppm	200 ppm	

ACCESSORIES

Model No.	Mfg. No.	Description	Qty /Pkg	Price /Each
HZ185	CLIPHB-CASE	Hibernation Case for BW Clip	1	
HZ186	CLIPHB-CASE-B50	Hibernation Case for BW Clip	50	

GASALERTEXTREME SINGLE GAS DETECTORS

- Reliable monitoring for any single gas hazard within its wide range of available toxic gas models
- Offers extended longevity with a 2-year field-replaceable battery and sensor
- Rugged and durable water resistant design with built-in concussion-proof boot
- Features a simple, automatic calibration procedure
- Compatible with the MicroDock II automatic test and calibration system
- Offers a wide range of user options, multi-language display and data logging functionality
- User settings are tamper-proof with passcode protection
- Ready for use with sensor(s), field replaceable battery, stainless steel alligator clip, calibration/test cap and hose, instructions, and quick reference card

HX864



Model No.	Mfg. No.	Description	Measuring Range	Price /Each
HX864	GAXT-H-DL	Hydrogen Sulfide (H ₂ S)	0-100 ppm	
HX866	GAXT-M-DL	Carbon Monoxide (CO)	0-1000 ppm	
HX868	GAXT-X-DL-2	Oxygen (O ₂)	0-30.0%	
HX869	GAXT-S-DL	Sulfur Dioxide (SO ₂)	0-100 ppm	
HX870	GAXT-C-DL	Chlorine (Cl ₂)	0-50.0 ppm	
HX874	GAXT-A2-DL	Ammonia (NH ₃), Extended Range	0-400 ppm	

Note: Other specialty gases available, call us today; also available in black housing

INTELLIDOX

- The IntelliDoX system is expandable to five docking modules helping you drive productivity, reliability and efficiency
- Provides a new level of customization for bump testing, configuration and record-keeping in a maintenance-free detector
- Configure alarm set points and change detector settings throughout the operation life of the BW Clip
- Quick and easy setup — great for turnarounds
- Each module has its own easy-to-read LCD screen and keypad for independent operation

Model No. HZ187

Mfg. No. DX-CLIP

Price/Each \$



MICROCLIPXL MULTI-GAS DETECTOR

- Slim and compact multi-gas detector is lightweight and comfortable to wear
- Provides affordable protection from up to four hazards
- Rugged and durable water-resistant design with built-in concussion-proof boot
- Features IntelliFlash, a green LED that continuously flashed to provide visual confirmation of detector operation and compliance
- Simple one-button operation offers ultimate ease of use and significantly reduces time spent training the user
- 16 hours of standard data logging and event logging up to 10 events
- Calibration is required only two times per year with a simple one-button automatic procedure
- Powered by a rechargeable battery with extended run-time, especially in cold weather
- Fully compatible with the MicroDock II automatic test and calibration system
- Colour: Yellow



Model No.	Mfg. No.	Sensor	Price /Each
-----------	----------	--------	-------------

4-GAS DETECTOR

HY082	MCXL-XWHM-Y-NA	LEL, O ₂ , H ₂ S, CO	
-------	----------------	--	--

3-GAS DETECTOR

HY085	MCXL-OWHM-Y-NA	LEL, H ₂ S, CO	
-------	----------------	---------------------------	--

HY086	MCXL-XOHM-Y-NA	O ₂ , H ₂ S, CO	
-------	----------------	---------------------------------------	--

2-GAS DETECTOR

HY083	MCXL-XWHO-Y-NA	LEL, O ₂	
-------	----------------	---------------------	--

HY089	MCXL-OWOM-Y-NA	LEL, CO	
-------	----------------	---------	--

HY090	MCXL-OOHM-Y-NA	H ₂ S, CO	
-------	----------------	----------------------	--

HY091	MCXL-XOHO-Y-NA	O ₂ , H ₂ S	
-------	----------------	-----------------------------------	--

1-GAS DETECTOR

HY093	MCXL-OWO0-Y-NA	LEL	
-------	----------------	-----	--

HY095	MCXL-OOHO-Y-NA	H ₂ S	
-------	----------------	------------------	--

HY096	MCXL-OOOM-Y-NA	CO	
-------	----------------	----	--

GASALERTMICROCLIP X3

- An all-new oxygen sensor that operates consistently for five years — with no replacement costs for the life of the detector - plus a three-year warranty
- Guaranteed runtime for at least a 12-hour shift — down to -20°C — without compromising LEL detection of hydrogen, acetylene and other combustible gases
- IntelliFlash™ light indicating detector has been bump tested and is monitoring correctly
- Durable, rechargeable lithium polymer battery — tested to last in extreme environments
- Ergonomic and wearable — doesn't weigh you down
- Real-time gas concentrations shown on LCD
- Bright, wide-angle visual alarm bars
- IP68 rating ensures maximum protection against dust and water
- User-friendly, tamper-proof operation with just one button and intuitive LCD icons
- Compatible with MicroDock II docking station for automated bump tests and calibration



Model No.	Mfg. No.	Hazard	Price /Each
-----------	----------	--------	-------------

4-GAS DETECTOR

HZ216	MCX3-XWHM-Y-NA	LEL, O ₂ , H ₂ S, CO	
-------	----------------	--	--

3-GAS DETECTOR

HZ217	MCX3-XWHO-Y-NA	LEL, O ₂ , H ₂ S	
-------	----------------	--	--

HZ218	MCX3-XWOM-Y-NA	LEL, O ₂ , CO	
-------	----------------	--------------------------	--

HZ219	MCX3-XOHM-Y-NA	O ₂ , H ₂ S, CO	
-------	----------------	---------------------------------------	--

2-GAS DETECTOR

HZ220	MCX3-XW00-Y-NA	LEL, O ₂	
-------	----------------	---------------------	--

HZ221	MCX3-OOHM-Y-NA	H ₂ S, CO	
-------	----------------	----------------------	--

HZ222	MCX3-XOHO-Y-NA	O ₂ , H ₂ S	
-------	----------------	-----------------------------------	--

HZ223	MCX3-XOOM-Y-NA	O ₂ , CO	
-------	----------------	---------------------	--

1-GAS DETECTOR

HZ224	MCX3-X000-Y-NA	O ₂	
-------	----------------	----------------	--

HZ225	MCX3-OOHO-Y-NA	H ₂ S	
-------	----------------	------------------	--

HZ226	MCX3-OOOM-Y-NA	CO	
-------	----------------	----	--

GASALERTMICRO 5 SERIES MULTI-GAS DETECTORS

- Simultaneously monitors and displays up to five potential atmospheric hazards, including PID and IR capabilities
- Rugged and durable water resistant design with built-in concussion-proof boot
- Rapidly switch from diffusion to pump mode
- Full-function self test
- Simple, automatic calibration procedure
- Use the passcode protect function to prevent unauthorized modifications
- GasAlertMicro 5 PID model also identifies PID detectable VOC's
- GasAlertMicro5 IR model uses an NDIR sensor to monitor CO₂ levels
- Includes: detector, sensor(s) (as specified), sensor compartment cover for diffusion operation, calibration adaptor and hose, three AA batteries, quick reference guide and technical documentation CD

HX931



BW Technologies
by Honeywell

Model No.	Mfg. No.	Description	Price /Each
HX931	M5-XWSY-R-D-D-Y-N-00	Standard Detector - %LEL, O ₂ , H ₂ S, CO, SO ₂	
HX932	M5PID-XWQY-A-P-D-Y-N-00	PID Detector - VOCs, %LEL, O ₂ , H ₂ S, CO	
HX933	MSIR-XWBY-R-D-D-Y-N-00	IR Detector - CO ₂ (IR), %LEL, O ₂ , H ₂ S, CO	
HX934	M5-CK-CC	Carrying Case with Foam Insert	
CONFINED SPACE KITS			
HX935	M5-CK-DL	Deluxe Kit Includes: Regulator, 10' / 3 m Hose, Sampling Probe, Calibration Cap, Manual Aspirator Pump and Auxiliary Filter (Detector and Calibration Gas Sold Separately)	
BATTERY PACKS			
HX938	M5-BAT0501	Alkaline Battery Pack	
HX939	M5-BAT08	Lithium Polymer Rechargeable Battery Pack	

MICRODOCK II AUTOMATED INSTRUMENT DOCKING STATIONS

- Fully automatic "hands-free" calibration, functional bump testing, record keeping and charging
- Automatically verifies performance of sensors, as well as audible and visual alarms
- Stores and updates calibration records in the MicroDock II, as well as in data logging instruments
- Quick and easy compliance – simple, automatically maintained accurate records
- Light weight and fully portable with optional wall mount
- Operates via 6-V line power or four C-cell batteries (batteries not included)
- Fully customizable
- Add self-contained docking modules to the system via simple, plug-in connections
- Multiple Microdock II systems can be connected via a LAN
- Includes BW Fleet Manager II software for easy data analysis
- Multi-language support in English, French, German, Spanish, and Portuguese
- One base station with one AC outlet supports up to ten modules to suit your application

BW Technologies
by Honeywell



MicroDock II shown with assorted docking modules

Model No.	Mfg. No.	Docking Module Type	Price/Each
BASE STATION WITH DOCKING MODULE & CHARGING CABLE			
HX917	DOCK2-2-1C1P-00-G	GasAlertMicroClip XT	
HX909	DOCK2-2-1C1N-00-G	GasAlertQuattro	
HX927	DOCK2-2-1C1M-00-G	GasAlertMax XT	
HX941	DOCK2-2-1C1K-00-G	GasAlertMicro 5	
BASE STATION WITH DOCKING MODULE (NO CHARGING CABLE)			
HX918	DOCK2-2-1P-00-G	GasAlertMicroClip XT	
HX910	DOCK2-2-1N-00-G	GasAlertQuattro	
HX928	DOCK2-2-1M-00-G	GasAlertMax XT	
HX942	DOCK2-2-1J-00-G	GasAlertMicro 5	
DOCKING MODULE ONLY			
HX920	DOCK2-0-1P-00-G	GasAlertMicroClip XT	
HX912	DOCK2-0-1N-00-G	GasAlertQuattro	
HX930	DOCK2-0-1M-00-G	GasAlertMax XT	
HX944	DOCK2-0-1J-00-G	GasAlertMicro 5	

GASALERTQUATTRO MULTI-GAS DETECTORS

- Combines a comprehensive range of features with a simple one-button operation
- Detects up to four hazards, including H₂S, CO, O₂, and combustibles
- Rugged design keeps it working in the most extreme weather environments and work conditions
- Interchangeable power options with extended battery run times help to minimize overall fleet costs
- The graphic LCD displays easy to identify icons that indicate operational information, such as bump test and calibration status for simplified onsite auditing
- Features IntelliFlash, a green LED that continuously flashes to provide visual confirmation of detector operation and compliance
- Fully compatible with the MicroDock II automatic test and calibration system
- Suited to a wide range of industrial applications

HX897



HX900



BW Technologies
by Honeywell

Model No.	Mfg. No.	Description	Price/Each
HX897	QT-XWHM-A-Y-NA	%LEL, O ₂ , H ₂ S, CO w/Alkaline Batteries	
HX898	QT-XWHM-R-Y-NA	%LEL, O ₂ , H ₂ S, CO w/Rechargeable Batteries	
HX899	QT-CK-CC	Carrying Case with Foam Insert	
CONFINED SPACE KITS			
HX900	QT-XWHM-R-Y-NA-CS	Standard Kit Includes: HX898, Manual Aspirator Kit, IR Connectivity Kit, Calibration Cap with 0.3 m Hose, 0.5 LPM Regulator, Sampling Probe, Calibration Gas, and Rechargeable Battery Pack	
HX901	QT-CK-DL	Deluxe Kit Includes: Manual Aspirator Kit, IR Connectivity Kit, Calibration Cap, Regulator, Sampling Probe, Carrying Holster and Auxiliary Filter (Detector and Calibration Gas Sold Separately)	
POWER OPTIONS & SPARES			
HX902	QT-BAT-R01	Rechargeable Battery Pack	
HX903	QT-BAT-A01	Alkaline Battery Pack with Batteries	
HX904	QT-C01-MC5	Five Unit Cradle Charger	
HX905	GA-PA-1-MC5	Five Unit Power Adaptor	
HX906	GA-VPA-1	12-24 VDC Vehicle Power Adaptor	
HX907	GA-PA-3	12-24 VDC Direct-Wire Power Adaptor	

GASALERTMAX XT II MULTI-GAS DETECTORS

- Reliably monitors up to four hazards, including H₂S, CO, O₂, and combustibles
- Straightforward one-button operation
- Robust motorized SmartSample pump for intelligent remote sampling, ideal for confined spaces
- Reliable pump block detection; water and other liquids are prevented from being drawn into the pump
- Calibration is required only two times per year with a simple one-button automatic procedure
- Tamper-proof adjustable options can be customized to suit any application
- Built-in rechargeable lithium battery
- Rugged and durable water resistant design with built-in concussion-proof boot
- Standard data logging and event logging
- Fully compatible with the MicroDock II automatic test and calibration system

HX922



BW Technologies
by Honeywell

Model No.	Mfg. No.	Description	Price/Each
HX922	XT-XWHM-Y-NA	Gas Detector	
HX923	XT-CK-CC	Carrying Case with Foam Insert	
CONFINED SPACE KITS			
HX924	XT-XWHM-Y-NA-CS	Standard Kit Includes: HX922, IR Connectivity Kit, Regulator, Sampling Probe and Calibration Gas	
HX925	XT-CK-DL	Deluxe Kit Includes: IR Connectivity Kit, Regulator, 10' / 3 m Hose, Sampling Probe and Auxiliary Filter (Detector and Calibration Gas Sold Separately)	
POWER OPTIONS & SPARES			
HX926	XT-C01-MC5	Five Unit Cradle Charger	
HX905	GA-PA-1-MC5	Five Unit Power Adaptor	
HX906	GA-VPA-1	12-24 VDC Vehicle Power Adaptor	
HX907	GA-PA-3	12-24 VDC Direct-Wire Power Adaptor	

GAS DETECTION

SAMPLING ACCESSORIES

MANUAL ASPIRATOR PUMP KITS

- Includes manual aspirator probe, 1' sampling tube, and instrument adaptor

Model No.	Mfg. No.	Instrument Adaptor Included	Price /Each
HX946	GA-AS02	GasAlert Extreme and GasAlertMicro 5 Series	
HX947	QT-AS01	GasAlertQuattro	
HX948	MC-AS01	GasAlertMicroClip XT	



MULTIPRO™ MULTI-GAS DETECTORS

- This compact and ruggedly constructed multi-gas detector is packed with features
- One-button operation and calibration
- Audible and visual alarm
- Real time reading
- Easy-to-read front-mounted backlit display
- Over-molded boot
- Optional slip-on sampling pump



SAMPLING EQUIPMENT

- Hose kits come with connectors and three particulate filters
- Sample probe comes with hydrophobic and particulate filters

Model No.	Mfg. No.	Description	Price /Each
HX949	HOSE1-10	10' / 3 m Kit	
HX950	HOSE1-20	20' / 6.1 m Kit	
HX951	HOSE1-65	65' / 19.8 m Kit	
HX955	GA-PROB1-1	1' / 0.3 m Sample Probe	

Gas Detector Not Included

Honeywell

Model No.	Mfg. No.	Description	Battery Type	Price /Each
HY076	54-48-314ADY	4-Gas Basic	Alkaline	
HX666	54-49-102	Sample Pump w/10' Tubing	-	

CALIBRATION EQUIPMENT

%LEL = Combustibles / CH₄ = Methane / Cl₂ = Chlorine / ClO₂ = Chlorine dioxide / CO = Carbon monoxide / CO₂ = Carbon dioxide / ETO = Ethylene oxide / H₂S = Hydrogen sulfide / HCl = Hydrogen chloride / HCN = Hydrogen cyanide / N₂ = Nitrogen / NH₃ = Ammonia / NO₂ = Nitrogen dioxide / O₂ = Oxygen / O₃ = Ozone / PH₃ = Phosphine / SO₂ = Sulfur dioxide / VOCs = Volatile organic compounds

CALIBRATION GASES

Model No.	Mfg. No.	Description	Cylinder Material	Compatible Regulator	Balance	Liters	Price /Each
QUINT GAS CYLINDERS (5-GAS MIX)							
HX967	CG-QT34-1	CH ₄ (2.5%), O ₂ (18.0%), H ₂ S (25 ppm), CO (100 ppm), CO ₂ (0.5%)	Aluminum	HX976 or HX979	N2	34	
QUAD GAS CYLINDERS (4-GAS MIX)							
HX968	CG-Q34-4	CH ₄ (2.5%), O ₂ (18.0%), H ₂ S (25 ppm), CO (100 ppm)	Aluminum	HX976 or HX979	N2	34	
HX969	CG-Q58-4	CH ₄ (2.5%), O ₂ (18.0%), H ₂ S (25 ppm), CO (100 ppm)	Aluminum	HX976 or HX979	N2	58	
TRIPLE GAS CYLINDERS (3-GAS MIXES)							
HX970	CG-TR34-1	CO (100 ppm), CH ₄ (2.5%LEL), O ₂ (18.0%)	Steel	HX977 or HX981	N2	34	

Note: Regulators sold separately

TEST GASES

Model No.	Mfg. No.	Description	Cylinder Material	Balance	Liters	Price /Each
HX973	CG-BUMP1	Bump Alarm Test Gas Aerosol H ₂ S (40 ppm), CO (200 ppm), CH ₄ (2.5%), O ₂ (10%)	Aluminum	N2	11	
HX974	CG-BUMP-B-K	Balloon Assembly Kit with Tubing and Adaptor for Bump Gas	-	-	-	
HX975	CG-BUMP-B	Spare Balloons for Bump	-	-	-	

Note: Test gases are used for qualitative functional testing of sensors and alarms only. Test gases cannot be used as calibration gases



HX967



HX976

REGULATORS AND ACCESSORIES

Model No.	Mfg. No.	Description	Price /Each
HX976	REG-0.5	Calibration Gas Regulator (0.5 LPM)	
HX977	REG2-0.5	Calibration Gas Regulator (0.5 LPM)	
HY448	REG-DF-1	Demand Flow Regulator - for Disposable Cylinders	
HX983	MK-CG2-58	Wall Mount for 34, 58, 103 L Gas Cylinders, Red	

Note: MicroDock II requires an HX979. Aerosols do not require regulators.

REPLACEMENT SENSOR

Model No.	Mfg. No.	Hazard	Compatible with	Price /Each
HY110	SR-W-MP75C	MICROpel combustible (LEL) sensor	GasAlertMicroClip and GasAlertMax XT II	
HY111	SR-X2V	Oxygen (O ₂) sensor	GasAlertMax XT II	
HZ258	SR-X3P	Oxygen (O ₂) sensor	GasAlertMax XT II	
HY112	SR-H-MC	MICROcel hydrogen sulfide (H ₂ S) sensor	GasAlertMicroClip and GasAlertMax XT II	
HY113	SR-M-MC	MICROcel carbon monoxide (CO) sensor	GasAlertMicroClip and GasAlertMax XT II	
HY283	SR-W04-75C	Combustible (LEL) sensor	GasAlert Quattro	
HY284	SR-H04-SC	Hydrogen Sulfide (H ₂ S) sensor	GasAlert Quattro	
HY140	SR-M04-SC	Carbon monoxide (CO) sensor	GasAlert Extreme, GasAlertQuattro and GasAlertMicro 5 Series	
HY147	SR-A04	Ammonia (NH ₃) sensor	GasAlert Extreme and GasAlertMicro 5 Series	
HY143	PS-RC10	Chlorine (Cl ₂) sensor	GasAlert Extreme and GasAlertMicro 5 Series	
HY425	D4-RHM04	Carbon monoxide (CO) and hydrogen sulfide (H ₂ S)	GasAlertMicro 5 Series	
HY146	PS-RD04	Nitrogen dioxide (NO ₂) sensor	GasAlert Extreme and GasAlertMicro 5 Series	
HY149	PS-P04	Phosphine (PH ₃) sensor	GasAlert Extreme and GasAlertMicro 5 Series	
HY142	PS-RS04	Replacement sulfur dioxide (SO ₂) sensor	GasAlert Extreme and GasAlertMicro 5 Series	

ALTAIR® MAINTENANCE-FREE SINGLE-GAS DETECTORS

- Factory-calibrated detector with warranted two-year service life (1080 alarm minutes)
- Sensor options for CO, H₂S, and O₂
- Maintenance-free; no sensor or battery change necessary
- Easy bump check and built-in calibration feature
- Event recorder stores last 25 events automatically in instrument memory
- MSA Link™ software-ready
- High capacity battery
- Rated to IP67 for dust and water ingress
- Weight: 4 oz.



Model No.	Mfg. No.	Description	Price /Each
HX989	10092521	H ₂ S	
SA0781	10092522	CO	
HX990	10092523	O ₂	



HX989

ALTAIR® 4X MULTIGAS DETECTORS

- Dependable multigas detector for LEL, CO, H₂S and O₂
- Large buttons and bright display enable quick and easy operation, even when wearing gloves
- Withstands extreme impacts with rugged polycarbonate housing
- Laser-welded sensor housings eliminate opportunities for leaks
- End-of-sensor-life warning gives advance notice to user, reducing service outages
- If a user becomes disabled due to unforeseen hazards, MotionAlert feature will activate after 30 seconds
- InstantAlert feature enables users to manually alert others of a potentially hazardous situation with the push of a button
- MSA Link™ software-ready
- Full three-year warranty supports the entire instrument, including the sensors and battery
- Lithium-polymer battery charges in less than 4 hours

Model No.	Mfg. No.	Description	Colour	Price /Each
HX991	10107602	LEL, CO, H ₂ S, O ₂	Charcoal	
HZ164	10107603	LEL, CO, H ₂ S, O ₂	Phosphorescent	
HZ165	10110443	LEL, CO, O ₂	Charcoal	
HZ167	10110445	LEL, CO, O ₂	Phosphorescent	
HZ166	10110444	LEL, O ₂	Charcoal	
HZ168	10110446	LEL, O ₂	Phosphorescent	

ACCESSORIES

Model No.	Mfg. No.	Description	Price /Each
HZ200	10152669	ALTAIR® Pump Probe 50'	
HZ201	467895	Fixed Flow Regulator	
HZ202	10048280	Calibration Testing Gas	
HZ203	10153103	ALTAIR® Pump Probe 10'	
HZ204	10153104	ALTAIR® Pump Probe 25'	
HZ198	10128630	Galaxy® GX2 Automated Test System	

GALAXY® GX2 MULTI-UNIT CHARGER FOR ALTAIR 4X

- The multi-unit tray charger provides charging for 1-4 Altair 4X Detectors
- Additional units may be purchased and added on simply by connecting to the other charging module
- This unit can also be used as a stand alone charging station without being connected to the GX2 Test Station

Model No. HZ212

Mfg. No. 10127422

Price/Each \$

ALTAIR® 4X REPLACEMENT SENSORS

Model No.	Mfg. No.	Hazard	Price /Each
HZ238	10106722	Ex Combustible (LEL)	
HZ241	10106729	O ₂	
HZ242	10106725	CO/H ₂ S	
HZ246	10121213	CO/H ₂ S-LC Hydrogen Sulfide (Low Concentration)	
HZ244	10121214	H ₂ S/CO H ₂ RES Carbon Monoxide (Hydrogen-Resistant)	
HZ248	10121215	H ₂ S/SO ₂ Sulfur Dioxide	
HZ249	10121217	CO/NO ₂ Nitrogen Dioxide	



HX991



HZ164



HZ198



HZ212

GAS DETECTION

ALTAIR® 5X MULTIGAS DETECTORS

- Can be customer configured for up to 6 gases
- Large buttons and bright display enable quick and easy operation, even when wearing gloves
- Withstands extreme impacts with rugged polycarbonate housing
- End-of-sensor-life warning gives advance notice to user, reducing service outages
- If a user becomes disabled due to unforeseen hazards, MotionAlert feature will activate after 30 seconds
- InstantAlert feature enables users to manually alert others of a potentially hazardous situation with the push of a button
- Integral pump, 10' sampling line, and 1' probe for confined space applications
- MSA Link™ software-ready
- Rechargeable lithium-ion battery
- Rated to IP65 for dust and water ingress
- Weight: 1 lb

Model No.	Mfg. No.	Description	Description	Price /Each
HY008	10115141	LEL, CO, H ₂ S, O ₂ , SO ₂	Monochrome Display	
HY009	10115143	LEL, CO, H ₂ S, O ₂ , SO ₂	Colour Display	
HZ205	10115118	LEL, CO, H ₂ S, O ₂	Monochrome Display	
HZ206	10115142	LEL, CO, H ₂ S, O ₂	Colour Display	

ACCESSORIES

Model No.	Mfg. No.	Description	Price /Each
HZ202	10048280	Calibration Testing Gas	
HZ208	710288	Demand Regulator	
HZ209	10042621	1' Gas Detection Sample Probe	
HZ210	10105756	Galaxy® GX2 Smart Cylinder Holder	
HZ211	10125135	Galaxy® GX2 Non-Electronic Smart Cylinder Holder	
HZ213	10127427	Galaxy® GX2 Multi-Unit Charger	
HZ214	10128627	Galaxy® GX2 Automated Test System	

ALTAIR® 5X REPLACEMENT SENSORS

Model No.	Mfg. No.	Hazard	Price /Each
HZ252	10080222	ClO ₂ Chlorine dioxide	
HZ253	10080224	NO ₂ Nitrogen dioxide	
HZ254	10106375	HCN Hydrogen Cyanide	
HZ238	10106722	Ex Combustible (LEL)	
HZ242	10106725	CO/H ₂ S	
HZ250	10106726	NH ₃ Ammonia	
HZ247	10106727	SO ₂ Sulfur Dioxide	
HZ251	10106728	Cl ₂ Chlorine	
HZ241	10106729	O ₂	

XCELL SENSOR APPLICATIONS

	Combustible			Oxygen O ₂	Carbon Monoxide			Hydrogen Sulfide		Sulfur Dioxide		Nitrogen Dioxide CO/NO ₂	Ammonia NH ₃	Chlorine Cl ₂
	Ex	Ex-M	Ex-H		CO/H ₂ S	CO-HC	H ₂ S/CO H ₂ RES	CO/H ₂ S	CO/H ₂ S LC	SO ₂	H ₂ S/SO ₂			
Aerospace	X			X										
Agriculture	X			X	X			X	X			X	X	
Automotive	X			X						X	X	X		
Aviation	X			X								X		
Chemical	X		X		X			X	X	X	X	X	X	X
Fire	X			X	X			X	X					
Food/Beverage	X			X	X			X	X	X	X	X	X	X
Foundries	X			X	X			X	X	X	X	X		
Hazmat	X			X	X			X	X	X	X		X	
Heavy Manufacturing	X			X	X			X	X	X	X	X	X	
HVAC	X			X								X	X	
Indoor Air Quality	X			X										
Marine	X				X			X	X			X	X	X
Medical	X												X	
Mining		X		X	X	X		X	X			X		
Oil/Gas/Petroleum	X	X	X	X	X			X	X	X	X		X	
Paper/Pulp	X									X	X	X	X	X
Pharmaceutical	X									X	X		X	X
Power	X									X	X	X	X	
Semiconductor	X											X	X	X
Steel	X				X	X	X	X	X	X	X	X	X	
Water/Wastewater	X				X			X	X	X	X		X	X
Welding	X											X	X	

MSA



HY008



HZ206



HZ210



HZ213



HZ247

INDOOR AIR QUALITY METERS

- Air quality meter
- Simultaneously monitors carbon dioxide (CO₂), relative humidity and temperature dew point and wet-bulb temperatures can also be displayed
- High resolution LCD with backlight display
- Displays STEL readings (short-term exposure limit) over a 15-minute period and TWA readings (Time-weighted average) over a period of 8 hours
- Maximum, minimum and average functions
- Audible warning alarm of excessive CO₂ concentrations
- RS-232 serial interface

CO₂ Range: 0 to 5,000 ppm
Resolution: 1 ppm
Accuracy: ±5% rdg. ±50 ppm
Temperature Range: -10 to 60°C (14 to 140°F)
Resolution: 0.1°C/°F
Accuracy: ±0.6°C (±0.9°F)
Humidity Range: 0 to 99.9% RH
Resolution: 0.1% RH
Accuracy: ±3% RH @ 25°C (10 to 90% RH),
 ±5% RH <10% & >90%
Dew Point Range: -73.4 to 60°C
Wet Bulb Range: -13.3 to 60°C
Response Time: 30 seconds
Power Supply: 4 x "AA" alkaline batteries
Battery Life: 24 hours
Model No. IA645
Mfg. No. R9900
Price/Each \$

REED



CARBON MONOXIDE METER W/TEMPERATURE

- Large LCD dual display shows both carbon monoxide (CO) and temperature measurements
- Adjustable alarm limits
- Low Level battery indicator
- Auto power off
- Automatic zero point adjustment
- Max/Data hold functions
- Stabilized electrochemical CO specific sensor, thermistor temp sensor
- **Includes:** batteries and soft carrying case

Temperature Range: 4°F to 158°F (-20°C to 70°C)
Resolution: 1 ppm, 0.1°F
Accuracy: ±0.8°C (±1.5°F)
Battery Life: 200 hrs.
Measuring Range: 1 - 1000 ppm
CO Accuracy: 5 ppm ±
CO Reading Accuracy: 15% ±
Weight: 0.5 lbs
Model No. IB731
Mfg. No. R9400
Price/Each \$



REED

AIR QUALITY METERS

- Measures CO₂, CO, O₂, humidity and temperature
- Non-dispersive infrared CO₂ sensor
- Galvanic cell CO and O₂ sensors
- Precision capacitance humidity sensor
- Records readings from three probes simultaneously
- Audible alarm setpoint
- Temperature is measured in °C or °F
- Easy to read LCD with backlight
- Data hold and Max/Min record
- Real time data logger with integral 2GB SD memory card (optional)
- RS-232 and USB computer interface
- Auto or manual power off
- **Includes:** humidity probe, CO probe, CO₂ probe, O₂ probe, and hard carrying case

CO₂ Range: 0 to 4000 ppm
Resolution: 1 ppm
Accuracy: ±40 ppm (<1000 ppm),
 ±5% (>1000 ppm)
CO Range: 0 to 1000 ppm
Resolution: 1 ppm
Accuracy: ±(5% + 2 ppm)
O₂ Range: 0 - 30% O₂
Resolution: 0.1% O₂
Accuracy: ±(1% + 0.2% O₂)
Alarm Threshold: <18.0% O₂
Humidity Range: 5 to 95% RH
Resolution: 0.1% RH
Accuracy: >70%RH: ±(3% rdg + 1%RH);
 <70%RH: ±3%RH

Temperature Range: 0 to 50.0°C (32 to 122.0°F)
Resolution: 0.1°C/°F
Accuracy: ±0.8°C (±1.5°F)
Dew Point Temp. Range: -25.3 to 48.9°C (-13.5 to 120.1°F)
Wet Bulb Temp. Range: -21.6 to 50°C (-6.9 to 122.1°F)
Power Supply: 6 x 1.5V UM3/AA batteries
Dimensions: 177 x 68 x 45 mm; RH Probe: 197 mm L;
 CO & O₂ Probe: 150 x 38 x 38 mm; CO₂ Probe: 190 x 38 x 28 mm
Weight: 350 g
Model No. IA800
Mfg. No. SD-9901
Price/Each \$



REED

COMBUSTIBLE GAS DETECTORS

- Following is a partial list of the more common gases detected: natural gas; propane; butane; methane; acetone; alcohol; ammonia; steam; carbon monoxide; gasoline; jet fuel; hydrogen sulfide; smoke; industrial solvents; lacquer thinner; naphtha
- Audible and visible alarms
- Low power semi-conductor sensor
- Includes: Soft carrying case and batteries

Sensitivity: 50 ppm methane
Warm-up Time: Approx. 5 minutes
Response Time: < 2 seconds
Alarm Limit: At 10% LEL for methane
Power Supply: 3 x "C" batteries
Battery Life: 8 hours of continuous use
Probe Length: 16"
Model No. IA394
Mfg. No. GD-3300
Price/Each \$

REED



COMBUSTIBLE GAS DETECTORS

- Sensitivity thumbwheel aids in pinpointing leak location
- Sensitivity: 10 ppm useable sensitivity (methane)
- Audible alarm: variable speed ticking sound
- Visual alarm: 10 ultra-bright LED's
- Patented solid state plug-in sensor (5-year typical life)
- 20" flexible probe for hard-to-reach locations
- Operational status LEDs in English and international symbols
- 30-hour battery life with easily replaced "C" cells
- Warm-up time: Automatic, self-check, 10 sec. to operational condition
- Safety ratings: Intrinsically safe for use in Class 1, Div. 1, Groups A, B, C and D, UL listed, CE Mark

Model No. HM816
Mfg. No. 19-7083
Price/Each \$

BACHARACH
 The Measurement Difference

