

PORTABLE GAS DETECTOR ALTAIR 5X



Overview

The ALTAIR 5X Gas Detector is capable of measuring up to 6 gases simultaneously and is now available with integrated PID sensor for VOC detection. Driven by advanced MSA XCell® Sensor Technology, the ALTAIR 5X Gas Detector delivers faster response time, better stability, accuracy, longer service life, and cost savings over the life of the instrument.

Characteristics

- Detects combustible gases in LEL and/or volume percentage range, oxygen, carbon monoxide, carbon dioxide, hydrogen sulfide, sulfur dioxide, ammonia, chlorine, VOCs, and many others depending upon sensor configuration.
- Rugged overmolded polycarbonate housing provides unsurpassed durability, including ability to survive 10-ft. (3m) drop; IP65-certified.
- Field-proven integral pump provides consistent gas flow, eliminating concerns of externally-attached components.
- High performance XCell Sensors last longer:
 - Typical life greater than 4 years for combustible, O₂, CO/H₂S, SO₂, CO/NO₂ and CO (high concentration) sensors.
 - Typical life greater than 3 years for NH₃ and Cl₂ sensors.
 - Most sensor response and clear times <15 seconds.
- Less calibration gas used:
 - Requires about half of test gas typically used for calibration and bump tests.
 - Rapid bump test gives results in less than 10 seconds for most common sensor configurations.
 - Span calibration time of 60 seconds for most common sensor configurations.
- MotionAlert feature option tells others that user has become immobile.
- InstantAlert feature provides manual alarm to alert others as to a potentially hazardous situation.
- PID option allows for accurate, reliable VOC response with programmable reference factors.
- Large buttons and bright display provide easy operation, even when users wear gloves.
- Exclusive end-of-sensor warning cautions users when unit's sensor nears end-of-life.
- Versatile MSA Link™ Software allows users to transmit data to a computer.
- Compatible with GALAXY® GX2 Test System and MSA Link Pro Software for fleet management.
- Wireless bluetooth included standard.

Technical Specifications

Drop test	3 m
Ingress protection	IP65
Housing	Rugged rubberized armor
Weight	453 g (without belt clip, PID, or IR sensor)
Dimensions (L x W x D)	16,9 x 8,9 x 4,2 cm without belt clip , PID or IR sensor
Audible alarm	> 95 dB (typical)
Visual alarm	2 ultra-bright LEDs on top
Vibrating alarm	Standard
MotionAlert & InstantAlert	Standard
Display	High contrast monochrome or colour display; PID version available with color display only
Backlight	Adjustable time-out
Battery	Rechargeable Li-ION or AA alkaline
Run time	>20 hours run time @ room temperature
Charging time	<= 6 hours
Humidity	15-90% RH non condensing
Data log	(Adjustable) average of 200 hours (at 1-minute intervals)
Event log	Standard 1000 events
Standard warranty	3-year including LEL/O ₂ /CO/H ₂ S/NO ₂ /SO ₂ XCell Sensors and IR Sensors; NH ₃ and Cl ₂ XCell Sensors 2 years; other sensors: 1 year

Items

Portable Gas Detectors

	Part No.	Description
	9514.501	ALTAIR 5X Multigas Detector
	9514.500-03	ALTAIR 5X PORTABLE GAS DETECTOR W/XCELL SENSOR FOR NH ₃
	9514.500-04	ALTAIR 5X PORTABLE GAS DETECTOR W/SENSOR FOR CO ₂
	9514.501-02	ALTAIR 5X PORTABLE GAS DETECTOR W/XCELL SENSORS FOR O ₂ , CO, H ₂ S, SO ₂ , CH ₅ .

Accessories

Part No.	Description
9514.500-53	CYLINDER TYPE 2AL 34 LT – 50PPM NH ₃ IN N ₂
9514.500-54	FLOW REGULATOR FOR EXOTIC GAS (NH ₃ , ETC.)
9514.500-55	CYLINDER TYPE 8AL 1,45% CH ₄ , 15% O ₂ , 60PPM CO, 20 PPM SO ₂ , CO ₂
9514.500-56	QUICK COUPLING ADAPTER FOR ATEX SAMPLING LINES
9514.501-01	FLEXIBLE SAMPLING SONDE L=30CM X ALTAIR 5X

GALLERY IMAGES

