



# Need Confined Space Solutions?

MSA Personal Protection Equipment



**40%**

**of confined space-related fatalities were first-in workers.\***



**60%**

**of confined space-related fatalities were those attempting to rescue them.\***

*MSA Confined Space Solutions begin with standards overview, application evaluation, informed recommendations, complete applications, and equipment training. MSA Personal Protection Equipment includes portable gas detection, fall, respiratory, head, eye, face, hearing, and communication products.*

\*Source: [www.UWSP.edu/ehs](http://www.UWSP.edu/ehs)

**WE KNOW WHAT'S AT STAKE.**

## Portable Gas Detection Instruments



### ALTAIR® 5X Multigas Detector with MSA XCell® Sensor Technology and PID Option

- Sensors for SO<sub>2</sub>, Cl<sub>2</sub>, NH<sub>3</sub>, and VOC
- Detection of up to six gases simultaneously
- Typical MSA XCell Sensor life span of more than four years
- Bump test gives results in less than 10 seconds; typical 60-second span calibration time



### ALTAIR 4XR Multigas Detector with MSA XCell Sensor Technology

- Compatible with GALAXY® GX2 System Test Stand
- Faster response time, four-year sensor life, increased stability, and typical 60-second span calibration time
- Uses MSA XCell Sensors for LEL, O<sub>2</sub>, and two-tox H<sub>2</sub>S/CO



### ALTAIR io 4™ Gas Detection Wearable

- ALTAIR io 4 Device is a secure, smart gas detector with out of the box connectivity, designed to work seamlessly with the MSA Grid and ALTAIR io Dock
- Full integrated cellular connectivity for real time visibility across worksites and workers
- Rugged, durable design and industry-leading XCell Sensors



## Respiratory Protection



### G1 PremAire® Cadet Escape Respirator

- First-stage regulator and cylinder valve are housed within one low-profile assembly
- Small size and profile make respirator less likely to snag within tight spaces
- Low-profile escape cylinders can be worn on right or left hip
- G1 Facepiece with APR conversion capability



### G1 Industrial SCBA

- Lightweight, durable SCBA for industrial IDLH applications
- Can be configured for low cost compliance or to include enhanced comfort options and workline attachments for extended use
- Offered in both low-pressure and high-pressure versions

## Fall Protection



### MSA Confined Space Entry Kit

- Simple setup procedure
- Leg-locking mechanism prevents accidental disengagement
- Aluminum leg and head for reduced weight



### MSA Winch

- Rugged, versatile and economical for lifting, lowering and positioning personnel and materials within confined space
- Maximum 400 lb. (182 kg) workload for personnel and 620 lb. (282 kg) for materials
- Integral, ergonomic carrying grip and unique, foldable handle for simple storage



### MSA Rescuer

- User capacity up to 400 lbs (182 kg) for personnel
- Galvanized or stainless steel 3/16" (5 mm) wire rope
- Integral mounting bracket
- Color-coded switch for retrieval mechanism activation
- Ergonomic, stainless steel carrying handle can also be used as anchorage connection point
- Built-in shock absorber
- Robust aluminum housing with thermoplastic bumpers
- Self-locking swivel snaphook with load indicator
- Stow-able, foldable crank handle
- RFID-enabled



### MSA XTIRPA™ Confined Space Entry Systems

- Allow for vertical or horizontal entry
- Lightweight, portable and easy setup allows for users to save time throughout the workday



### V-FIT™ Safety Harness

- The patent-pending RaceFLEX™ Buckle allows for a close comfortable full body harness fit
- Removable shoulder padding responds to your movement to conform to your body, eliminating pressure points and chafing
- Athletic cut that contours to the body and allows for increased upper torso mobility
- Pull-down adjustment allows for quick and easy harness adjustment that ensures a proper fit
- Dedicated attachment point for personal fall limiters allows quick and easy attachment and allows your back D-Ring to remain free for other use



## Head Protection



### MSA V-Gard® Hats and Caps with Fas-Trac® III or 1-Touch® Suspensions

- Industry-leading head protection
- Comfortable enough to wear all day
- Available in slotted cap and slotted full-brim hat styles
- Three size options: small, standard, large.
- Aluminum leg and head for reduced weight



### V-Gard H1 Safety Helmet

- Fas-Trac® III Pivot Ratchet Suspension for superior comfort, adjustability, and range of motion
- Non-contact foam liner maximizes air flow and breathability for optimal cooling and hygiene
- Non-vented options for use in electrical applications where Class E certification is needed
- Vented options for optimal air flow and cooling
- Field replaceable 4-point chinstrap with multiple adjustment points for customized fit and comfort
- Premium moisture wicking headband with breathable foam and Velcro® attachment for easy field replacement
- Patent-pending “push-button” accessory attachment rail and universal lighting clips for quick installation and removal
- Convenient rescue whistle integrated into the chin strap buckle

## Our Mission

MSA's mission is to see to it that men and women may work in safety and that they, their families, and their communities may live in health throughout the world.

**MSA: WE KNOW WHAT'S AT STAKE.**

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

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