

MSA at A+A 2013

Hall 6, Stand H31

From November 05 - 08, 2013 at A + A in Dusseldorf we present a series of product highlights and innovations, in the areas of personal protective equipment (PPE) and Gas Detection.

We kindly invite you to our **booth H31 in Hall 6** to see and experience the latest in Respiratory Protection, Head-, Eye-, Face- and Hearing Protection, Fall Protection, as well as permanent and portable Gas Detection Solutions including related Test Equipment.

Under the motto "Get TOGETHER" our product experts from around the world are available to advise and provide information on product features, applications and new trends and developments in the market.

As a safety solution provider we focus on the proper integration of all products, since optimal product compatibility, high comfort and modern design ensure wearing acceptance and increase the level of safety.

Configure your individual safety solution tailored to your specific needs directly at our booth.

Come on over. We look forward meeting you!

More Information can be found on MSAsafety.com.



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About MSA

Established in 1914, MSA is the global leader in the development, manufacture and supply of safety products that protect people and facility infrastructures. Many MSA products integrate a combination of electronics, mechanical systems and advanced materials to protect users against hazardous or life-threatening situations. The company's comprehensive line of products is used by workers around the world in a broad range of industries, including the fire service, the oil, gas and petrochemical industry, construction, mining and utilities, as well as the military. Principal products include self-contained breathing apparatus, fixed gas and flame detection systems, handheld gas detection instruments, head protection products, fall protection devices and thermal imaging cameras. MSA, based north of Pittsburgh in Cranberry Township, Pa., has annual sales of approximately \$1.2 billion, manufacturing operations in the United States, Europe, Asia and Latin America, and 42 international locations. Additional information is available on the company's Website at MSAsafety.com.

ALTAIR® 4X & 5X Multigas Detectors with MSA XCell® Sensors

It's what's inside that counts.

With ALTAIR 4X und ALTAIR 5X MSA presents the most durable Multigas Detectors on the market, driven by MSA XCell Sensors.

Superior stability, accuracy, repeatability, fast response and longevity characterize MSA XCell Sensors. With less time spent on calibration and bump tests, you save calibration gas, maintenance costs and in turn, save money.

ALTAIR 4X and ALTAIR 5X can be fitted with a wide range of sensors including LEL, O₂, CO, H₂S, NO₂ or SO₂.

Ergonomic design, glove-friendly buttons, unique alarm features like MotionAlert and InstantAlert, and a high-contrast display make the rugged Multigas Detectors easy to operate in any work environment.

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GALAXY® GX2 Automated Test System

Save time. Save Gas. Save Money.

The GALAXY GX2 Automated Test System provides simple and intelligent testing and calibration of the MSA ALTAIR Family of Gas Detectors.

The easy-to-use automated test stand offers high performance as either stand-alone unit or integrated portable detector management system, enabling total data access and control of the Portable Gas Detection fleet. Once the ALTAIR Family Gas Detector is placed within the GALAXY GX2 System, it can be tested, calibrated and charged automatically.

Flexibility allows for up to 10 test stations, 4 cylinder holders and multi-unit charger within one GALAXY GX2 System detector bank.

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Fixed Gas & Flame Detection System Solutions

MSA is one of the few suppliers of permanent gas measurement technology that develops and manufactures a complete range of products and integrates them into system solutions. Whether stand-alone, or integrated into existing control and monitoring systems, MSA offers made-to-measure solutions.

The **SUPREMAtouch** provides a flexible control system that can be customised to the user's desired safety requirements. It can be used with a wide range of detectors including flammable and toxic gas, oxygen, smoke, fire and heat and manual call points. The modular system allows I/O (Input/Output) connections to be rail or back plane mounted and be configured as desired and adapted to meet each specific monitoring task without programming skills using the enhanced multilingual touch screen.

The **PrimaX** Gas Transmitter is suited to a wide range of indoor and outdoor applications for the detection of combustible gases, toxic gases or oxygen. With its integral keypad, plug-in replacement sensors and an integral backplate for fast and easy installation, the PrimaX range is both cost effective and easy to use.

The **UltraSonic Gas Leak Detectors** are non-concentration based gas detectors used to detect leaks from high-pressure systems with a maximum coverage radius of 20 meters. They respond to the airborne ultrasound generated from gas releases in open ventilated areas, where traditional methods of detection may be difficult.

Designed with advanced ultraviolet (UV) and infrared (IR) sensing technology, the **FlameGard 5** Series represents the state-of-the-art in secure flame monitoring. These market leading detectors are suitable for a wide range of applications in the production, transport and processing industries.

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MSA “Above-the-Neck” Protection Solutions

MSA’s Head, Eye, Face, Hearing and Respiratory Protection has been developed and certified as an integrated protective system. With product compatibility, high comfort and modern design, the wearing acceptance is ensured.

The new unvented version of the stylish V-Gard 200 completes the successful range of V-Gard industrial helmets. Furthermore, MSA has continued to expand the V-Gard Accessory System with a uniquely coated (antifog “N” antiscratch “K”) sheet visor, cooling pads and additional winter liner models.

Different Customisation options like the new robust badge holder or high-quality printing of logos and pictures allow to adapt the V-Gard Head Protection System to your individual needs.

The modern Move Spectacle enhances the wide range of MSA Protective Eyewear. The lightweight model comes with high visible neon orange temples and nose pads and the option of orange lenses to increase contrast and reduce glare.

Highly compatible face masks like the Advantage full face and half masks, Affinity filtering face pieces as well as the unique left/RIGHT ear muffs complete the Integrated Protective System.

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MSA Workman Confined Space Entry System

Fall Protection

The MSA Workman line of Fall Protection products offers a complete system for Confined Space Entry. The versatile and durable MSA Workman Tripod makes confined space entry with vertical descent easy. It can be used for fall arrest, rescue, retrieval or evacuation.

The new MSA Workman Winch has been designed for lifting, lowering, and positioning of personnel and materials, and allows for non-entry rescue of a confined space entrant. The tripod pin connection fits directly onto the MSA Workman Tripod requiring no additional bracket or tools for setup. When using the MSA Workman Winch for lifting/lowering of personnel, an independent fall arrest system, such as the MSA Workman SRL, is required.

The MSA Workman Confined Space Entry System is completed by the MSA Workman Utility Harness. An integral waist belt and multiple attachment points make it ideal for confined space entry and rescue. Connecting to the shoulder loops on the MSA Workman Utility harness, the MSA Workman Spreader Bar can be utilised in rescuing personnel where limited space is available.

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NEW: PremAire Escape & PremAire Combination

Respiratory Protection

The new **PremAire Escape** is a positive pressure Short Duration Compressed Air Emergency Escape Breathing Device that provides respiratory protection while escaping from toxic atmospheres.

It offers a duration of 10-15 minutes for safe escape. The standard PremAire Escape is equipped with a 3S full face mask. For potential high concentration industrial gas leaks, like deadly H₂S, the device is available with the extremely fast and easy to don PremAire Mask-Hood which has been designed based on input from major users in the oil & gas industry.

With its two independent protection barriers the mask-hood combination offers high protection factors in sour oil & gas and chemical applications.

The major components of the PremAire Escape have undergone critical high concentration H₂S testing.

The new **PremAire Combination**, a Combination Supplied Airline Respirator with compressed air cylinder, is designed to be versatile, comfortable, and affordable. A streamlined design offers a first stage pressure reducer and cylinder valve within one assembly, creating a very small size and profile that is less likely to snag when working in confined space or tight places.

The PremAire Combination can be equipped with either the 3S or the Ultra Elite full face mask in combination with the AutoMaXX lung governed demand valve..

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PremAire Escape with PremAire Mask-Hood



PremAire Combination with 3S Full Face Mask



New First Responder Solutions

The new **Gallet F1 XF fire helmet** has a rugged design, comfortable fit and unmatched protection for reducing stress, and improving decision making when time is critical to the safety and success of the mission. The unique design featuring comprehensive head, eye, face and hearing protection, along with integrated lighting and reflective trim, make Gallet F1 XF the ideal solution the toughest requirements of firefighters.



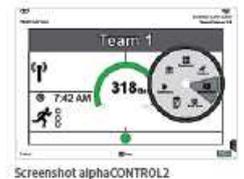
The **EVOLUTION 6000 TIC Thermal Imaging Camera** offers many of the same benefits that firefighters have come to expect from MSA, as well as new ones to take user experience to another level. The EVOLUTION 6000 TIC platform comprises three new models to offer the best mix of features designed to meet the USA TIC standard NFPA 1801, supporting the thermal imaging needs of all first responders. New and enhanced features include best-in-class image quality, light weight, laser pointer and range finder, compass, integrated video and picture capture, and integrated wireless video transmission system.



SmartCHECK is MSA's latest development in modular testing and equipment management system solutions. The compact and fully automatic test bench with specially designed test head and integrated computer system with touchscreen ensures easy handling and the tight fit of full face masks. The TecBOS.Tech modular system software allows intuitive operation..



When creating **alphaCONTROL 2** the latest release of the alphaCONTROL monitoring software, great emphasis was placed on the appropriate presentation of specifically relevant information. The user interface has been completely re-interpreted to illustrate the current situation and allow early interaction when incident parameters change.



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