



SCOTT

Fire & Safety

Fire Services Catalog 2018





3M Scott Fire & Safety Overview

THE RIGHT APPROACH. THE RIGHT EQUIPMENT.

At 3M Scott Fire & Safety, we do more than design and build safety equipment. We clear the way, by listening to your needs and addressing your hazards. So in moments of danger you can move forward, be safe and define what's next.

How do we do it? We create smart solutions based on how you work in the real world. Solutions that cater to the industries we serve and support our unwavering commitment to you. Whether you need a scalable solution to protect your employees or need to know the exact product to take your business to the next level, Scott Safety has the resources to provide the smart solution.

3M SCOTT FIRE & SAFETY OVERVIEW

With five manufacturing facilities and a customer base that spans more than 50 countries, we develop and build innovative solutions for respiratory safety, personal protection and other safety needs. Rooted in more than 75 years of heritage and dedication to safety, 3M Scott has constantly expanded to provide safety solutions for new markets and challenges. Today, we work with dozens of global industries, including general industry, petrochemical oil and gas, marine, asbestos, first responders and military and civil defense. Our brand reflects the company's position as a global leader combining innovation, resourcefulness and experience to deliver safety protection equipment and solutions. The brand is built on three promises that define the 3M Scott corporate philosophy and the value it delivers to its customers:

INNOVATION THAT MAKES A DIFFERENCE

- The engineers and innovators who develop our safety solutions have a very specific mandate: Make a meaningful improvement in safety for the user. It starts by engaging with our customers at all levels—from end users to decision makers. This constant two-way dialogue helps us understand their work and influences every product and service we develop. The result: Safety innovations that address real-world needs and truly make a difference.

SMARTER SAFETY SOLUTIONS

- Our customers work in inherently dynamic environments and unpredictable situations. A one-size-fits-all solution simply won't do—safety has to be smarter than that. Thanks to our global breadth of products, expanding services across dozens of industries and markets, and extensive research and development investments, we can deliver safety solutions that are optimized for changing environments and tomorrow's challenges.

A COMMITMENT TO THE CUSTOMER

- We play a critical role in our customers' lives, and we take that responsibility seriously. So whether it's responding to an urgent request, guiding them through a difficult situation or simply keeping them aware of the industry's newest developments, we put customers first and serve them as if their lives depended on it. Because, sometimes, they do.

WHAT'S NEW

Air-Pak™ X3 Pro SCBA



The Air-Pak X3 Pro SCBA is built on a proven foundation of redundant safety features to ensure the security and comfort of today's firefighters. Combining advanced material selection for water repellency with an easy-to-remove harness, the Air-Pak X3 Pro may be cleaned after use to help reduce contamination.

Monitor / Monitor Pro



Monitor / Monitor Pro puts critical real-time responder SCBA information at incident command's fingertips. Designed for use on modern, touch-enabled PCs, this easy-to-understand air management solution allows the company officer or team leader to see air, PASS, and EVAC data available while establishing and maintaining command. Monitor's / Monitor Pro's automated design complements existing accountability and incident command SOGs without the burden of additional work.

Mask Speaker Microphone (MSM)



The EPIC 3 RDI Voice Amplifier delivers clear and reliable voice communications in demanding environments while ensuring easy system integration with new and existing Scott SCBA/PPE and compatible field radio equipment. Integrated Bluetooth communications provides easy set up and operation with field radios and remote speaker microphones, allowing first responders to stay focused on the task at hand.

GT-Fire



The GT-Fire is a dedicated hand-held gas detection monitor specialized for the fire industry. After normal evacuation procedures are complete, the GT-Fire portable gas detector enables firefighters to conduct more specific leak detection investigations while they wait for gas utility companies to arrive. With this, firefighters have additional information to secure a scene more effectively.

TABLE OF CONTENTS

IN-MASK THERMAL IMAGING

- 6 Scott Sight

AIR-PAK SCBA

- 7 Air-Pak X3 Pro
- 8 Cylinders
- 8 AV-3000 HT
- 9 EZ-Scape Pro
- 9 NFPA 2013 Upgrade Kits

VOICE COMMUNICATIONS

- 10 EPIC 3 RDI
- 10 EPIC 3 RI
- 11 Mask Speaker Microphone (MSM)

ACCOUNTABILITY

- 12 SEMS II
- 12 Monitor / Monitor Pro
- 13 Pak-Tracker

RAPID INTERVENTION

- 14 RIT-Pak Fast Attack
- 14 RIT-Pak III

COMPRESSOR SYSTEMS

- 15 HushAir Connect 7500 and RevolveAir Connect

HANDHELD THERMAL IMAGING

- 16 X380
- 16 X190

ASSET MANAGEMENT

- 17 Service and Asset Management (SAM)

AIR SUPPLIED

- 18 Ska-Pak AT
- 19 TRC-1 Air Cart

AIR PURIFYING

- 20 C420 Plus
- 20 40mm Series Cartridges and Canisters

PORTABLE GAS DETECTION

- 21 Protégé ZM
- 21 Protégé SG
- 22 GT-Fire
- 22 BM25
- 23 PS200
- 23 PS500

IN-MASK THERMAL IMAGING

SCOTT SIGHT

In-Mask Thermal Imager



When you wear Scott Sight, you get more than constant thermal vision. You get your hands back. That's because unlike other thermal imaging devices integrated into the SCBA, Scott Sight combines a thermal imager with a display in the facepiece without the need for reaching down and lifting a camera up. Firefighters now have both hands free for effective communication, victim extraction and carrying tools.

Maintaining visibility is the key to reducing search times, hazard identification, interior accountability, navigation and egress. With Scott Sight, you will never miss a thing as it is always present, always visible and hands-free. Scott Sight takes situational awareness to a whole new level – Situational Intelligence!

Product Features:

- **Simultaneous Power Off** - Power off both the In-Mask Display (IMD) & TIC by a single button press on the IMD
- **IMD Instantaneous On** - Power the IMD on with a one second push on the IMD power button
- **Standby Mode** - Activate Standby Mode with a single push of the TIC power button
- **Powerful and light** – At 8 1/2 ounces you won't even know it's there
- **Fits any AV-3000 HT facepiece** – Buy altogether or upgrade your current AV-3000 HT facepiece
- **Infinity lens** – Ensures a clear picture with no eyestrain
- **Adjustable display** – Configurable to your line of sight
- **Minimum four-hour battery life** – Powered by simple, everyday AAA batteries
- **User configurable screen options** – Different user interfaces for different tastes
- NIOSH & NFPA certified
- Globally certified to IS standards by CSA

AIR-PAK SCBA

AIR-PAK™ X3 PRO

SCBA



NEW

The Air-Pak™ X3 Pro SCBA is built on a proven foundation of redundant safety features to ensure the security and comfort of today's firefighter. Combining advanced material selection for water repellency with an easy-to-remove harness, the Air-Pak X3 Pro may be cleaned after use to help reduce contamination. A new shoulder harness design improves the ease of donning and minimizes pressure points to help reduce user fatigue. A naturally articulating waist pad promotes greater range of motion to the user, while transferring weight to the hips for a more balanced load. Offering enhanced electronics with Bluetooth® technology, the Air-Pak X3 Pro supports wireless connectivity between devices for improved configurability, data transmission/retrieval, firefighter safety and fireground accountability. Integrated RFID tags provide local storage of SCBA information that can be wirelessly interrogated for asset tracking. Proudly "Made in the USA" with the highest level of quality and workmanship.

Product Features:

- Redundant Safety Features afford firefighters peace of mind knowing that the SCBA is going to perform in the toughest environments
- Easy-to-Remove Harness allows for cleaning and decontamination after use, while improving serviceability.
- New Harness Materials offer greater resistance to chemical and water absorption to help minimize contamination; Improved durability to withstand the rigors of the fireground; Enhanced SCBA ergonomics to help reduce user fatigue and maximize comfort
- Reflective Webbing delivers heightened visibility of the SCBA when operating in low light conditions, improving safety and accountability on the fireground
- Natural Articulation promotes greater range of motion to the firefighter, while transferring weight to the hips for a more balanced load; Minimizes wear and tear commonly found with mechanical articulation
- Superior Breathability offers minimal breathing resistance to help reduce user burden and improve operational efficiencies
- Electronic PAR (ePAR) provides wireless, bi-directional communication between the firefighter and incident command (using Scott Connect Monitor Pro) to improve fireground accountability and communications
- New Buckle Design provides firm hold to prevent inadvertent loosening of shoulder and waist straps, maintaining secure fit of SCBA on the firefighter
- Integrated Drag Rescue Loop provides a horizontal pull strength of 1000 lbs to assist with rescuing a downed firefighter
- System Integrity Alarm provides visual and audible alert to notify SCBA wearer and Incident command (using Scott Connect Monitor Pro) of impending electronics degradation due to elevated temperature
- High Flow Alarm provides visual and audible alert to notify Incident command (using Scott Connect Monitor Pro) of a high flow condition from a firefighter's SCBA during a full-alarm PASS activation (i.e. heavy breathing, free flow, etc.)
- No Flow Alarm provides visual and audible alert to notify Incident command (using Scott Connect Monitor Pro) of a no flow condition from a firefighter's SCBA during a full-alarm PASS activation
- "Buddy" Lights provide a 360° view of the firefighter's air pressure and PASS status, improving safety and accountability on the fireground



AIR-PAK SCBA

CYLINDERS

Breathing Air



Over the years, breathing air cylinders have been providing SCBA users with a supply of fresh air. The original cylinders were made of steel and quite heavy. But today, advances in technology have enabled cylinders to become much lighter and less burdensome to the SCBA wearer. Scott offers a complete assortment of cylinders to meet the needs and demands of all SCBA users, from aluminum cylinders for infrequently used SCBA to carbon-wrapped cylinders for daily use. In addition, 3M Scott offers cylinders rated at 5500 psig (an industry first), which are available in 30', 45', 60' and 75' durations. To complement our cylinder offering, Scott offers several solutions to help prevent damage and improve durability of the cylinder.

Product Features:

- Carbon and Aluminum
- 5500 psi, 4500 psi, 2216 psi
- Custom Logo I.D. Bands
- Protective Sleeves/End Caps
- 30-Year Life Cylinders

AV-3000 HT

Facepiece



The AV-3000 HT facepiece meets all requirements established in the NFPA 1981, 2013 Edition standard, with state-of-the-art material technology to provide enhanced thermal durability and voice intelligibility performance for added safety. The AV-3000 HT is approved for use with all NFPA 1981, 2002 Edition, 2007 Edition, and 2013 Edition Air-Pak SCBA. The new AV-3000 HT facepiece utilizes the proven SureSeal technology, Scott Safety's reverse-reflex sealing surface to provide excellent comfort and superior fit.

Product Features:

- Approved with 2013 Edition Air-Pak X3 Pro, Air-Pak X3, and Air-Pak 75 SCBAs
- Approved with NFPA 1981, 2002 and 2007 Edition Air-Pak SCBAs
- State-of-the-art materials and design for enhanced performance
- Proven SureSeal facesal for excellent fit and comfort
- ANSI Z87.1-2010 impact rated
- Multiple headnet configurations - 4-strap and 5 strap
- Compatible with EPIC 3 Communication Systems
- Right and left communication installation options
- Designed for Top-Down Convertibility (SCBA, APR, PAPR)
- Compatible with award-winning Scott Sight in-mask thermal imager

AIR-PAK SCBA

EZ-SCAPE PRO

Integrated Self-Rescue Device

The EZ-Scape Pro is lighter, quicker-to-deploy, and is offered as a one-size-fits-most solution seamlessly integrated with the Scott Air-Pak X3 Pro, Air-Pak X3, or Air-Pak 75 SCBA. No more sizing your belt to the firefighter sitting in a certain seat on the apparatus. The EZ-Scape Pro fits and adjusts nearly identically to the current waist strap of the Air-Pak SCBA, in a stronger, more versatile configuration.

Product Features:

- Provides a reliable means of escape from high-rise buildings
- One of the lightest, fully integrated escape systems on the market
- One-size-fits-most application (adjustable from 30" - 56")
- Compliant with NFPA 1981, 2013 edition when worn with a Scott Air-Pak SCBA, as well as NFPA 1983, 2012 edition
- Rated for minimum 4000lb static load
- Available with a Crosby hook or the new Lightning GT hook, which is the lightest, most versatile anchor hook available
- Available as a belt-only configuration (pictured above) allowing firefighters to utilize their SCBA as a rated attachment point for their own personal escape bail-out systems, or as an attachment point for a ladder belt
- Belt-only configuration is just as light, yet stronger and more versatile than existing Air-Pak SCBA waist strap
- Waist belt is available as a jettison configuration (removable from the SCBA) or a fixed configuration (non-removable from the SCBA)



UPGRADE KITS

For Legacy Air-Pak SCBA

Upgrade legacy model Air-Pak SCBA to the most current edition of the NFPA 1981 and 1982 standards with the new Air-Pak SCBA NFPA 2013 Compliant Upgrade Kit. The kit provides a lower-cost alternative to purchasing new SCBA, allowing fire departments to maximize the service life of existing equipment (i.e. cylinders) without the burden of a full fleet replacement. A 10-year warranty provides peace of mind, knowing that out-of-pocket maintenance costs are kept to a minimum. This warranty applies to all components that are replaced as part of the upgrade kit.

Customers can also choose to take advantage of innovative technology enhancements, including the Pak-Tracker™ Firefighter Locator System or SEMS II Air Management System with Monitor Telemetry Software Solution. Upgrading the operating pressure of the Air-Pak SCBA to 5500 psig is also an option, allowing customers to realize the maximum benefits from this Scott Safety "industry first."

Upgrade kits are offered for both the NFPA 1981, 2002 edition and NFPA 1981, 2007 edition Air-Pak SCBA.



VOICE COMMUNICATIONS

EPIC 3 RDI

Voice Communications



The EPIC 3 Radio Direct Interface (RDI) voice amplifier enhances SCBA facepiece voice intelligibility and delivers clear two-way radio communications when operated with compatible handheld field radios and remote speaker microphones (RSM).

Compatible with all 3M Scott AV-series facepieces and Air-Pak SCBA, the EPIC 3 RDI provides Scott Safety customers with the safety and operational benefits of enhanced tactical voice communications while extending the value of their SCBA and Personal Protection Equipment.

Product Features:

- Operates with compatible handheld field radios and remote speaker microphones
- Works with a broad range of Scott SCBA and PPE equipment
- User friendly operation and ergonomics
- Durable and reliable purpose-built design and construction
- Easy and flexible device configuration

EPIC 3 RI

Voice Communications



The EPIC 3 Radio Interface (RI) voice amplifier and Lapel Speaker Microphone enhances SCBA facepiece voice intelligibility and delivers clear two-way radio communications when operated with a broad range of handheld field radios.

Compatible with all 3M Scott AV3000-series facepieces and Air-Pak SCBA, the EPIC 3 RI system provides Scott Safety customers with the safety and operational benefits of enhanced tactical voice communications while extending the value of their SCBA/PPE and field radio equipment.

Product Features:

- Clear communication when and where you need it
- Works with new and existing Scott SCBA and PPE equipment
- Operates with a broad range of field radios
- Multi-purpose utility consolidates devices while reducing costs
- User friendly set up and operation
- Durable high-heat rated construction
- Easy and flexible device configuration

VOICE COMMUNICATIONS

MASK SPEAKER MICROPHONE (MSM)

Voice Communications



The MSM (Mask Speaker Microphone) communication system provides effective, easy to use face piece to field radio communications to enhance worker situational intelligence and safety during use in firefighting, HAZMAT, and industrial operations.

The system operates with a broad range of 3M Scott breathing apparatus and field radio models ensuring easy integration with customer's existing equipment, providing meaningful safety benefits and value.

Product Features:

- Provides clear radio communications in high noise environments
- Provides simple plug-and-play connectivity and operation
- Supports EPIC 3 Lapel Speaker Mic and Radio Interface PTT Paddle Push-To-Talk options
- Works with a broad range of Scott SCBA and PPE equipment
- Compatible with over 150 different field radio models
- Durable high heat resistant construction - MSM / EPIC 3 LSM

NOTE: Currently approved with 2013 edition Air-Pak 75 and Air-Pak Wireframe. Other approvals pending.

ACCOUNTABILITY

SEMS II / SEMS II PRO

Wireless SCBA Telemetry



NEW

The SEMS II and SEMS II Pro enable vital communication between responders and Incident Command. Leveraging a patented mesh-based network, SEMS II provides a robust connection in commercial and residential structures alike. SCBA telemetry is transmitted to the base station and can be displayed in the Scott Connect Monitor for Windows application giving the incident commander an enhanced view of the fireground.

Product Features:

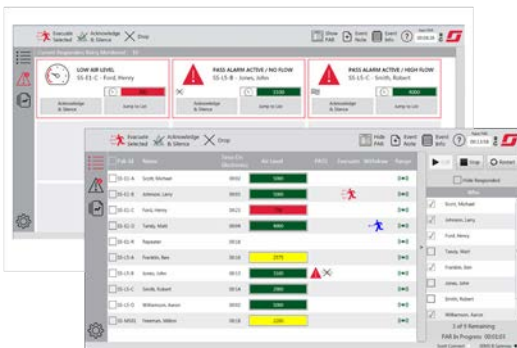
- Patented, self-healing mesh network
- Bi-directional communication of alarms and acknowledgments between responder and incident command
- Real-time SCBA telemetry system providing air level, PASS alarm and evacuation status
- Approved as an NFPA 1982, 2013 edition RF communicating PASS device when used with Scott Connect Monitor
- * Electronic PAR (ePAR) for improved accountability

* Available with SEMS II Pro, as part of the Air-Pak X3 Pro SCBA

MONITOR / MONITOR PRO

Telemetry Software Solution

NEW



The Monitor / Monitor Pro puts critical real-time responder SCBA information at incident command's fingertips. Designed for use on modern, touch-enabled PCs, this easy-to-understand air management solution allows the company officer or team leader to see air, PASS and EVAC data available while establishing and maintaining command. Additional alert notifications – high flow or no flow condition at full-alarm PASS – provide incident command with enhanced situational intelligence to guide critical decision making. Monitor's / Monitor Pro's automated design complements existing accountability and incident command SOGs without the burden of additional work.

Monitor Pro, paired with SEMS II Pro, further enhances communications by giving incident command the ability to electronically call for PAR (ePAR) with a simple click or tap of a button on the user interface, reducing excess radio traffic while still maintaining personnel accountability.

Product Features:

- Works with all 3M Scott Air-Pak SCBA equipped with SEMS II and SEMS II Pro
- Automatic acceptance of devices at base station
- Alert View for quick recognition of the most critical information
- Touch Friendly Interface for enhanced usability

PAK-TRACKER

Firefighter Locator System



Locate a trapped or downed first responder within a single or multi-story structure quickly and safely with the Scott Pak-Tracker Firefighter Locator System. The Pak-Tracker Firefighter Locator System is a standard feature on all Air-Pak X3 Pro, Air-Pak X3, and Air-Pak 75 SCBA equipped with an integrated PASS device. The rugged, simple-to-use system functions on the principle of 2.4GHz RF signal strength received and is an invaluable additional tool when searching for downed firefighters.

Product Features:

- Hand-held receiver can monitor and scroll up to 36 alarming SCBA
- Utilizes three visual and audible indicators to direct the searcher to the victim(s)
- Easy-to-use, glove-friendly, push-button operation of both personal transmitter and hand-held receiver
- Automatic activation of integrated system upon SCBA air activation
- High-intensity LED lights indicate battery power and signal strength

RAPID INTERVENTION

RIT-PAK FAST ATTACK

Emergency Air Supply System



The RIT-Pak Fast Attack offers a small, lightweight, and compact solution for rapid entry and air replenishment to a firefighter in distress. Developed with input from firefighters and instructors across the country, the RIT-Pak Fast Attack provides an intuitive design enabling RIT teams to focus on locating and assessing the downed firefighter. The system is comprised of a pressure reducer, high-pressure charging wand, low-pressure air supply hose, mask-mounted breathing regulator, facepiece, and a lightweight carrying bag.

Product Features:

- Small, lightweight, and compact
- Available in 4.5 or 5.5 cylinder pressures
- Available in two bag sizes: small and medium
- Compatible with 15-min and 30-min cylinders
- Tactile feel pull handles for easy identification
- External pressure gauge with photoluminescent display
- Distinct, audible low pressure whistle alarm
- Low-pressure hose w/ Dual EBSS manifold
- Color-coded storage pouches for easy identification
- Carabiners w/ captive bar: never lose the carabiner
- Easy-to-remove and adjustable length shoulder strap

RIT-PAK III

Emergency Air Supply System



The RIT-Pak III is the fire service industry's first all-inclusive portable air supply system and the most comprehensive RIT system available on the market. Developed with input from RIT instructors and firefighters from across the country, the RIT-Pak III is field designed and tested. The system is comprised of a pressure reducer, high-pressure charging wand, low-pressure air supply hose and a highly durable carrying device.

Product Features:

- Available in 2.2, 4.5, or 5.5 cylinder pressures
- Accommodates up to a 75-min cylinder duration
- Hi-Viz orange with reflective strips
- Skid plate for ease of dragging and added durability
- External pressure gauge with HUD style lights
- Audible bell alarm
- Universal capable low-pressure hose

COMPRESSOR SYSTEMS

HUSHAIR CONNECT 7500 AND REVOLVEAIR CONNECT



The HushAir Connect 7500 compressor is the next generation breathing air system with an innovative, simple-to-operate user interface, utilizing a 7500psi design to decrease fill times and increase capacity, in a safer, easier-to-maintain package. The RFID-enabled SmartTouch Controller is able to detect and select how to most efficiently fill nearly any SCBA cylinder with minimal user input or training.

Product Features:

- Smarter, simpler-to-use, cylinder fill station
- New touchscreen SmartTouch Controller with user access control
- Automatic RFID cylinder logging compliant with NFPA 1989 logging requirements
- Automatic fill pressure selection utilizing RFID technology
- 89% increase in cylinder fills vs. existing 6000psi systems
- Quietest compressor on the market
- Available in a range of power options and motor sizes to fit nearly any application



HANDHELD THERMAL IMAGING

X380

Thermal Imaging Camera



The X-Series thermal imaging camera, powered by ISG technology, provides firefighters with the ultimate combination of situational awareness, lightweight design, and robust features. The superior image quality enables firefighters to fully interpret a fire scene and make more-informed tactical decisions.

Product Features:

- **High Resolution Detection** – See more with high pixel resolution (384 × 288) guaranteeing the clearest image is delivered at all times
- **Tactical Color** – Achieve crisp, clear image performance in temperatures above 2000°F with our unique transparent color
- **Menu-Free Performance** - See in multiple environments without the need of selecting modes in a menu
- **Hot Spot Tracker**– A true, fully-automatic overhaul tool that leaves no question about the hottest object in the field of view
- **Cold Spot Tracker** – Enables responders to locate and pin point thread/valve leaks
- **Intelligent Focus™** – See an object in crystal clear detail, with no manual adjustment required
- Also available as a NFPA 1801 approved camera

X190

Thermal Imaging Camera



The X190 thermal imaging camera, powered by ISG technology, is a tactical support camera with primary functions. Developed to be a simple, one-button ON/OFF operation, the X190 uses firefighting-specific core technology that operates with the same principles found in the X380. This capability provides uniform scene interpretation across the range of cameras, simplifying training requirements between each camera model.

Product Features:

- Easy to use, one-button, simple operation
- **Tactical Color** – Achieve crisp, clear image performance in temperatures above 2000°F with our unique transparent color
- **Intelligent Focus™** – See an object in crystal-clear detail with no manual adjustment required
- Full size 3.5" – No sacrifices in LCD size

ASSET MANAGEMENT

SAM

Service and Asset Management



The Service and Asset Management solution, or SAM, is an easy-to-use software application that simplifies daily SCBA equipment inspections and assists in keeping your department in compliance with NFPA 1852 and OSHA 1910.134.

Product Features:

- Cloud-based solution requires minimal IT involvement, no server or dedicated hardware required
- Intuitive application minimizes training effort
- Provides visibility to equipment costs (budgeting/forecasting)
- Eliminates the need to archive stacks of paper
- Perform inspections using your everyday mobile device
- Inspections are completed accurately and on time
- Real-time status of the equipment
- Know that firefighters are safe with the equipment being used
- Confidence that department is compliant to applicable regulatory standards
- Web-based portal provides you the ability to administer equipment and run reports from anywhere with an Internet connection

SKA-PAK AT

Supplied Air Respirator



The Ska-Pak AT is the most advanced supplied air respirator from 3M Scott, equipped with the added benefit of a patented, automatic, hands-free air transfer capability. If the primary air supply to the respirator is interrupted, the air source is instantly switched to the portable air cylinder without user intervention. Upon transfer, the Vibralert tactile alarm system activates, vibrating the user's facepiece and alerting the user that the respirator has transferred to cylinder air. The Ska-Pak AT is ideal for many applications, including confined space operations, hazardous materials clean-up and maintenance jobs for numerous markets, including chemical, petrochemical, oil & gas, ship building and public utilities.

Product Features:

- Automatic, hands-free transfer from external air source to cylinder in the event of primary air source interruption
- Personal, tactile Vibralert alarm to alert users of transfer to cylinder air
- "Onboard" cylinder low pressure indicator for ultimate safety and awareness
- E-Z Klip cylinder retention system for quick and easy cylinder changes
- Three harness styles:
 - A padded Polypropylene harness – chemically-resistant and lightweight
 - A padded Kevlar harness – ideal in high heat environments or when there is potential for sparking
 - An integrated full-body harness – ideal for confined space applications

TRC-1 AIR CART

Supplied Air Respirator



In continuing the tradition of 3M Scott's dedication to our customers' demanding needs, the TRC-1 (Technical Rescue Carts) Air Carts provide an uninterrupted supply of breathing air for up to eight users simultaneously. The TRC-1 Air Cart also features a unique air control switch that has the ability to utilize common or isolated air sources on the left and right outlet banks. When in isolated mode, this enables the cart to provide two separate, dedicated air sources for both a primary work team and a rescue team.

Product Features:

- Eight outlet ports which can provide an uninterrupted supply of breathing air for up to eight respirators simultaneously
- High-pressure inlet supply connector enables use of a high-pressure air supply such as a compressor or cascade system
- Air source selector switch for the ability to utilize common or isolated air sources on the left and right outlet banks; this enables the cart to provide two separate, dedicated air sources for both a primary work team and a rescue team utilizing cylinders and the high-pressure inlet supply
- Independent fail-safe-open, sealed regulators on the respirator and the auxiliary supply side provides for independent adjustment of outlet pressures
- Loud, aspirating end-of-service whistle alarm indicating low cylinder pressure and a loud, pneumatic end-of-service bell indicating low-pressure condition on the auxiliary highpressure inlet source
- Internal check valve to prevent manifold contamination with use of tools
- Manufactured for use with 2216, 4500 and 5500 psi cylinders

AIR PURIFYING

C420 PLUS

PAPR



The blower provides a cooling effect that extends user wear times in humid environments and long-duration operations, such as decontamination or rescue. It also keeps the facepiece from fogging. Decontamination is made easy with detachable parts that can be cleaned according to the situation encountered.

Product Features:

- The 3M Scott C420 Plus PAPR can be used for CBRN and non-CBRN applications.
- It is ideal for fire incidents.
- Approved for both NIOSH CBRN and NIOSH 42CFR part 84 applications
- Rechargeable and single use batteries to support long work hours
- PVC coated belt for easy decontamination
- Two cartridge design for lower overall cost

40MM SERIES CARTRIDGES AND CANISTERS

Wide Range of Threaded Filters



3M Scott offers multiple 40mm cartridges and canisters for wide range of protection and applications:

NIOSH - APR applications: utilize HE/P100 Cartridge, MPC PLUS, or Enforcement Cartridges

NIOSH - PAPR applications: utilize HE/P100 Cartridge, MPC PLUS, MPC 40PF and Enforcement Cartridges

NIOSH CBRN - APR and PAPR applications: utilize the CBRN Cap-1 / Canister

Product Features:

- Protection for industrial and CBRN response
- 40mm thread enables air-purifying and powered air purifying use
- 5-10 year shelf life, depending on cartridge
- Free Access to SureLife Cartridge Calculator tool for assistance with cartridge selection and service life estimator

PORTABLE GAS DETECTION

PROTÉGÉ ZM Single Gas Monitor



The Protégé ZM Single Gas Monitor is an easy-to-use, zero-maintenance gas detection solution that delivers high performance in a small package. The product is available in Oxygen, Carbon Monoxide and Hydrogen Sulfide models. Once activated, the Protégé ZM monitor does not require charging or calibration and will operate for two years, maintenance and hassle-free.

Product Features:

- Zero-maintenance, single gas solution
- Available in H₂S, CO and O₂ configurations
- 2 year operating life; no charging or calibration required
- H₂S & CO models include hibernate feature to extend battery life
- Three-point alarm with audible, visual and tactile alarms
- Customizable LCD display can show operating life remaining, real-time gas readings or both
- User configurable alarm set points, bump and calibration reminders
- Event logging capabilities
- IP 66 and IP 67-rated enclosure (third-party certified)

PROTÉGÉ SG Single Gas Reusable Monitor



The Protégé SG is a reusable single gas monitor that can be configured to detect 12 gases which provides maximum flexibility to deal with unknown gas hazards. With interchangeable smart sensors the Protégé SG offers maximum versatility in a re-usable solution.

Product Features:

- Available sensors: H₂S, CO O₂ O₃, HCN, NO, NO₂, PH₃, SO₂, NH₃, CL₂ and CLO₂
- Swappable plug and play smart sensors
- Replaceable filters
- 5,000 event data logger
- IP66/67 rated
- LCD with multiple language Options
- Red and Grey robust polycarbonate case
- MasterDock II - bump, calibration and configuration station (Accessory)
- IR Connect (Accessory)
- PGD Application Software (Accessory)

PORTABLE GAS DETECTION

GT-FIRE

Gas Detection Designed For Firefighters



NEW

The GT-Fire is a dedicated hand-held gas detection monitor specialized for the fire industry. After normal evacuation procedures are complete, the GT-Fire portable gas detector enables firefighters to conduct more specific leak detection investigations while they wait for gas utility companies to arrive. With this, firefighters have additional information to secure a scene more effectively.

Product Features:

- Leak Detection: Semiconductor based combustible sensor measures Methane at the ppm level, a significantly lower level than standard 4-gas personal meters with only LEL% capability
- Flexible probe and ergonomic hand-held design enables leak detection in hard to reach places
- Visual and audible assistance to support investigation and help find the source of the leak
- Gas Detected: O₂, CO, H₂S, Methane (ppm, LEL %)
- Battery Life: 8 hours, 3 'C' type replaceable batteries
- Alarms: High visibility LED, loud audible alarm

BM25

Transportable Multi-Gas Area Monitor



The BM25 packs the benefits of a fixed system area monitor into a rugged, user friendly and transportable instrument.

It was designed to detect one to five gases for mobile or temporary work applications, team protection, area surveillance or places where fixed detection systems are not suitable.

Product Features:

- Detect up to 5 gases simultaneously
- 103 dB at 3 feet audible alarm
- Ultra-bright flashing signal at 360°
- Run time of 170 hours
- Resistant to harsh environment
- Easily transportable - less than 15 lbs
- 30 devices per network
- 16 independent networks
- More than 0.5 mile RF line-of-sight

PORTABLE GAS DETECTION

PS200

Multi-Gas Monitor



The PS200 provides unrivaled protection in confined space applications. Monitoring up to 4 gases simultaneously, the PS200 can be configured to detect a combination of Methane, Oxygen, Carbon Monoxide, and Hydrogen Sulfide, as well as other flammable gases. An optional internal pump allows for pre-entry checking.

Product Features:

- Detects up to 4 gases simultaneously. Gases detected includes LEL, H₂S, O₂, CO
- Simultaneous display of all gases monitored, permits the operator to quickly view all gas readings
- Optional internal pump and easy one button operation
- Long run time of 14 hours (diffusion mode), 8 hours (pump mode). Up to 80 hour run time with optional low-power combustible sensor in diffusion mode
- IP67 rating means that the unit is dust-tight and waterproof to 1 meter
- Vibrating, visual and audible alarms with highly visible LED and a piercing >90dB audible alarm
- Small and lightweight (8 oz with the pump, 7.6 oz without the pump) unit is easy to carry

PS500

Multi-Gas Monitor



The PS500 can be tailored to detect up to five gases with its toxic and catalytic sensors, photoionization detectors (PID) and infrared capabilities. Particularly useful in noisy environments, the PS500 features a very loud audible alarm along with a high visibility visual alarm.

Product Features:

- Detects up to 5 gases simultaneously
- With over 15 plug-and-play smart sensors to choose from, the PS500 is suitable for use in a variety of applications
- Ideal for use in noisy environments with a very loud (95 dBA) penetrating and distinctive audible alarm and a high visibility 360° large area visual alarm
- On-board datalogging provides information for calibration certificates, data management and event logging
- A robust, molded, high impact rubberized polycarbonate case allows the PS500 to be used in the most demanding of environments
- An internal pump, diffusion or both can be used to check a sample
- Two battery pack options, both of which provide a minimum of 12 hours run time: NiMH rechargeable battery pack or Alkaline AA-size battery pack

The 3M logo consists of the letters '3', 'M', and 'M' in a bold, red, sans-serif font. The '3' is significantly larger than the two 'M's, which are positioned to its right. The background of the entire page is a complex geometric pattern of thin black lines forming various polygons.The SCOTT logo features a stylized red 'S' icon followed by the word 'SCOTT' in a bold, black, sans-serif font. Below the 'SCOTT' text, the words 'Fire & Safety' are written in a smaller, black, sans-serif font. A thin vertical line is positioned to the left of the 'SCOTT' text, separating it from the '3M' logo.

© 2018 Scott Safety. SCOTT, the SCOTT SAFETY Logo, are marks and/or registered marks.
All other trademarks are the property of their respective owners. Unauthorized use is strictly prohibited.

Monroe Corporate Center • P.O. Box 569 • Monroe, NC 28111
Telephone: 800.247.7257 • Facsimile: 704.291.8330
www.scottsafety.com

H/S 7632F_EN 6/18 ISO 9001 Registered. All rights reserved.