





# Leveraging the strong foundation of the 3M™ Scott™ Air-Pak™ SCBA.

#### A trusted name in respiratory protection

For over 75 years, 3M™ Scott™ Fire & Safety has been a leading provider of respiratory and personal protective equipment for firefighters, first responders, and military personnel. We are committed to delivering innovative products that help meet the demanding requirements of critical life safety operations.

#### **Extensive service and support network**

Thanks to our long-standing and active involvement in the fire safety industry,  $3M^{TM}$  Scott<sup>TM</sup> Fire & Safety has a vast network of experts to support your team's technical, regulatory, application, and training needs. Our network of authorized service centers are well-equipped to perform any needed service, helping to ensure your critical safety equipment is repaired and operational with minimal downtime.

#### Technology that adapts

Designed for future compatibility, scalability and standards compliance, the Air-Pak™ XD SCBA features an advanced technology platform that helps provide enhanced connectivity, while adding a focus on cleanability and comfort.



#### **Safety & Performance Features**

The 3M™ Scott™ Air-Pak™ XD SCBA is equipped with advanced safety and comfort features to help ensure your team is protected and confident when responding to today's challenging missions.

#### **Removable Harness**

allows for cleaning and decontamination to help with exposure reduction efforts.

### 3M<sup>™</sup> Scotchlite<sup>™</sup> Reflective Material

helps enable enhanced visibility of the SCBA when operating in low-light conditions, improving safety and accountability on the fireground.

#### **Advanced Harness Materials**

allows for reduced absorption of water and chemicals to help minimize contamination

#### **Naturally Articulating Waist Pad**

promotes greater range of motion to the user, while transferring weight to the hips for a more balanced load.

#### **New Electronics**

maintain an ergonomic console design, while offering extended range and greater resistance to Radio Frequency (RF) interference (when configured with SEMS 3.0).

E-Z Flo C5 Regulator

offers lower breathing resistance to help reduce user burden and improve operational efficiencies.

#### **Pressure Reducer Cover**

enables the SCBA to be machine-washed in automated SCBA washers.\*

\*instructions on use of automated SCBA washers should be consulted prior to washing





#### **Configurable Harness**

allows for padded or unpadded shoulder and waist pad options, and can be configured with parachute or spring clip buckles.

### 3M™ Scott™ Air-Pak™ XD SCBA

### Safety investment that pays off.



#### **Comprehensive Warranty**

When you purchase a 3M<sup>™</sup> Scott<sup>™</sup> Air-Pak<sup>™</sup> XD SCBA, you will receive a bumper-to-bumper warranty for as long as you own the product at no additional cost.

- Backframe & Harness
- Facepiece
- Pneumatics
- Cylinder
- Electronics



#### Low Cost of Ownership

A comprehensive warranty and training program, proven design, and no mandatory overhaul help ensure low cost of ownership for a long-term return on your investment.



No Overhaul Required

#### **Comprehensive Training Programs**

3M™ Scott™ Fire & Safety does not require

replacement of major components.

forced parts replacement or mandatory overhaul on

process delivers robust, comprehensive features that

3M™ Scott™ Air-Pak™ SCBA. Our holistic design

allow for cost-effective repairs while avoiding the

3M™ Scott™ Fire & Safety offers comprehensive training programs to fit the needs of our customers. Our SCBA Certified Technician I program enables end-users to make basic repairs to the facepiece, backframe and harness, cylinder valve, and specific mask-mounted regulator parts in order to return equipment to service sooner and reduce labor cost.



### Technology to keep watch over your safety.



#### The 3M™ Scott™ Incident RDC System

Leveraging a new, more powerful radio network, Incident Remote Data Collection (RDC) helps improve vital communication between SCBA users and incident command. Critical data from the SCBA is communicated to an NFPA 1982 certified base station, which consists of a 3M<sup>™</sup> Scott<sup>™</sup> SEMS 3.0 Gateway attached to Personal Computer (PC) or tablet device using Microsoft Windows operating system and running the 3M<sup>™</sup> Scott<sup>™</sup> Monitor Pro Telemetry Software Solution.

Incident RDC features a new Application
Programming Interface (API) that allows SCBA
data to be shared with authorized third-party
incident management software programs. With this
industry-first API solution, fire departments can
now streamline incident management operations
by integrating critical SCBA data into their incident
management software application of choice.\*

#### **Elevate Incident Command**

- Near real-time SCBA telemetry system providing air level, Personal Alert Safety System (PASS) and evacuation status
- Automatic acceptance of devices at base station helps to ensure devices are monitored from the moment they connect to the base station
- Alert view helps to provide immediate recognition of critical SCBA alerts for incident command
- Bi-directional communication of alarms and acknowledgments between responder and incident command
- Application Programming Interface (API) that allows SCBA data to be shared with authorized third-party incident command software programs
- Software is equipped with a touch-friendly to allow ease of operation on touch-screen devices PC and tablets
- Compatible with Windows 7 OS (and higher)
- Compatible with all 3M<sup>™</sup> Scott<sup>™</sup> Air-Pak<sup>™</sup> SCBA equipped with 3M<sup>™</sup> Scott<sup>™</sup> SEMS II Pro or SEMS 3.0 Wireless SCBA Telemetry Systems
- Compliant to NFPA 1982, Standard on Personal Alert Safety Systems (PASS), 2018 Edition

<sup>\*</sup>Consult your 3M representative for a list of authorized third-party incident management providers.

#### **Advanced Technology Platform**

Our state-of-the-art technology platform features advanced electronics and telemetry that support wireless connectivity between devices that help enhance safety and accountability.

## 3M<sup>™</sup> Scott<sup>™</sup> SEMS 3.0 Wireless SCBA Telemetry System

The 3M™ Scott™ SEMS 3.0 Wireless SCBA
Telemetry System provides a robust connection
in commercial and residential structures, enabling
bi-directional communication between responder
and incident command, using 3M™ Scott™ Monitor
Pro Telemetry Software Solution.

## Electronic Personnel Accountability Report (ePAR)

Helps reduce excess radio traffic by allowing incident command to send a PAR request electronically using an audible and visual alert notification, to which firefighters can respond with a simple click of a button on the console.

#### System Integrity Alarm

Provides visual and audible alerts to notify SCBA wearer and incident command of possible impending electronics degradation due to sustained elevated temperature.

#### **High-Flow Alarm**

Provides visual and audible alerts to notify incident command of a high-flow condition from a firefighter's SCBA during a full-alarm PASS activation (i.e. flow of air through the regulator exceeding normal breathing rates).

#### **No-Flow Alarm**

Visual and audible alert to notify incident command of a no-flow condition from a firefighter's SCBA regulator during a full-alarm PASS activation. (i.e., limited or no air flow detected through the regulator)



### 3M™ Scott™ Vision C5 Facepiece

#### **Modular Design**

Enables future upgradeability, improves serviceability and provides a platform for use across multiple respiratory applications.

#### **Wider Field of View**

Helps to improve situational awareness.



#### **Dual Voicemitters**

Enhanced voice transmission - exceeds STI requirements for NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services, 2018 Edition.

#### Single Reflex Face Seal

Designed for enhanced comfort and easier donning.

### 3M™ Scott™ Vision C5 Facepiece

with Radio Direct Interface

#### **Radio Direct Interface**

Wireless radio communications utilizing existing compatible radios.

#### **In-Mask Communications**

Enhanced voice intelligibility during two-way radio communications.



#### **Bone Conduction Headphone**

Helps enhance hearing and understanding of incoming two-way radio communications.

#### **Automated Voice Prompts**

Provide verbal notification of changing system conditions.



3M™ Scott™ Vision C5 Facepiece with E-Z Flo C5 Regulator



3M<sup>™</sup> Scott<sup>™</sup> Vision C5 Facepiece with Radio Direct Interface



3M™ Scott™ AV-3000 HT Facepiece with E-Z Flo+ Regulator



3M™ Scott™ EPIC 3 Voice Amplifier



3M™ Scott™ Sight In-Mask Thermal Imager with Pro Package



Multiple Cylinder Options



3M™ Scott™ Pak-Tracker Firefighter Locator System



3M™ Scott™ SEMS 3.0 Wireless SCBA Telemetry System



3M<sup>™</sup> Scott<sup>™</sup> Monitor Pro Telemetry Software Solution



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