



**SCOTT**<sup>™</sup>  
Fire & Safety

3M<sup>™</sup> Scott<sup>™</sup> Air-Pak<sup>™</sup> X3 Pro SCBA

# Built to last for those who go in first.



NFPA 1981/1982,  
2018 Edition



# 3M™ Scott™ Air-Pak™ X3 Pro SCBA

## Now certified to NFPA 1981/1982, 2018 Edition

Firefighters today face challenges like never before. That's why it is critical to have equipment that evolves with the changing landscape of the job. We designed the Air-Pak X3 Pro to offer enhancements in cleanability, comfort and connectivity, all while delivering the reliability and durability that you have come to trust.

### Features that matter.

- Easy-to-remove harness allows for cleaning and decontamination to help with exposure reduction efforts
- Natural articulation promotes greater range of motion while transferring weight to the hips for a more balanced load
- New E-Z Flo C5 Regulator offers enhanced performance with lower breathing resistance, helping to reduce user burden and improve operational efficiencies
- Redundant safety features afford firefighters peace of mind knowing that the SCBA will perform in critical life safety environments
- Electronic PAR (ePAR) provides wireless, bi-directional communication between the firefighter and incident command (using Monitor telemetry software solution with Pro Package) to help improve fireground accountability and communications
- As Long As You Own It Warranty provides peace of mind knowing that your most important investment is backed for your lifetime ownership of the SCBA

## NFPA 1981/1982, 2018 Edition Standards Highlights

### Second Stage Regulator Retention & Removal

- Strength of interface test added to verify the connection between the facepiece and second stage regulator
- If the SCBA incorporates a removable regulator, two distinct actions for disconnection are required prior to removal of the regulator

### Pneumatic Data-Logging

- All SCBA shall incorporate data-logging and, at a minimum, the following events and data points shall be identified and recorded with a date and time stamp for each event:
  - Initial activation pressure
  - SCBA pressure on the high-pressure side of the first stage pressure reducer
- Data-logging at 30-second intervals
  - Transmission of HUD visual information signals for cylinder breathing air
- 100%, 75%, 50% and 35% (EOSTI)
  - Breathing rate at 30-second intervals
  - HUD deactivation pressure

### Universal Emergency Breathing Safety System (UEBSS)

- New standardized fittings (Rectus type) for all manufacturers



### Universal PASS Tone

- All PASS devices have a universal sound regardless of the manufacturer
  - This requirement was originally incorporated into the NFPA 1982, 2013 Edition standard as part of a Tentative Interim Amendment (TIA)

# Safety and performance features for today's firefighters.

**5.5 Cylinder Technology** minimizes weight and profile, helping to reduce user fatigue, improve productivity and decrease injuries

**As Long As You Own It Warranty** provides peace of mind knowing that your most important investment is backed for your lifetime ownership of the SCBA



**Easy-to-Remove Harness** allows for cleaning and decontamination to help with exposure reduction efforts

**Central Power Source** improves battery management to minimize cost of ownership

**Universal EBSS** provides compatibility between SCBA for "Buddy Breathing"

**Redundant Safety Features** afford firefighters peace of mind knowing that the SCBA will perform in critical life safety environments



**"Made in the USA"** with attention to quality and workmanship

**"Buddy" Lights** enable a 360° view of the firefighter's air pressure and PASS status

**Snap-Change Cylinder Connection** provides rapid cylinder replacement and improves cylinder charging efficiencies

**RFID-Enabled Bumper** tracks cylinder fill history and monitors DOT compliance (i.e. hydrostatic testing)



Built on a foundation of redundant safety features, the 3M™ Scott™ Air-Pak™ X3 Pro SCBA provides performance you can trust to help protect firefighters in critical life safety environments.



# Accountability at your fingertips.



## Real-time responder SCBA information at-a-glance.

Incident Command is tasked with many responsibilities on a fire scene, and personnel accountability is one of those items. Knowing the real-time status of a responder's condition allows for effective management of those assets, but it is commonly seen as a difficult thing to accomplish without integral radio communications. In fact, personnel accountability and effective communications are two of the most critical components of a successful fireground operation — and can be the most challenging to preserve. The Air-Pak™ X3 Pro SCBA seeks to improve both.

The patented 3M Scott SEMS II Wireless SCBA Telemetry System (with Pro Package), available on the Air-Pak™ X3 Pro SCBA, enables vital communication between responders and incident command. When paired with the 3M Scott Monitor Telemetry Software Solution (with Pro Package), incident command can see a responder's air level, PASS, and EVAC data — all standard telemetry essentials on a simple, easy-to-understand interface. Additional alert notifications — high flow or no flow full alarm PASS conditions and system integrity alarm — provide enhanced situational intelligence to help guide critical decision making. These alert notifications are the biggest benefit of the Monitor telemetry software solution (with Pro Package).

### Exception Reporting

The chaos of a fire scene often develops to where command manages to the exceptions. Telemetry data is important for everyone wearing a SCBA, but immediate action needs to be taken to address the exceptions. An alternate view of the incident delivers just these exceptions or alerts — no news is good news. In this case, a blank screen is displayed under normal operations, while exception alerts appear with audible tones during an alarm condition, getting incident command's attention at the most critical times.

**PASS ALARM ACTIVE / NO FLOW**  
SS-L5-B - Jones, John

3100

Acknowledge & Silence      Jump to List

## ePAR

Seeking to further improve communications, incident command can leverage SEMS II Pro with the Monitor telemetry software solution (with Pro Package) to electronically check the PAR status of firefighters without the need to broadcast over the radio. Available on the Air-Pak X3 Pro SCBA, a PAR request can be sent to firefighters with an audible and visual alert notification. Firefighters send an acknowledgment back to incident command with a simple click of a button on the PASS console. The ePAR feature helps reduce excess radio traffic in those situations where communications are critical, while maintaining personnel accountability on the fireground.

## Hazmat

In environments where loud noises and sudden movements are not desirable, the SEMS II Pro Hazmat feature provides incident command the ability to remotely monitor the status of the firefighter without requiring animated motion during a delicate Hazmat operation.

Offering the same benefits as the full-featured SEMS II Pro and identified by a yellow console, the SEMS II Pro Hazmat includes a disabled motion sensor (not compliant to NFPA 1982) to prevent inadvertent alarm activation, while providing the safety benefit of a manual PASS activation in the event of an emergency.



# Work smarter and more effectively.

## 3M™ Scott™ EPIC 3 RDI Voice Communication System

The EPIC 3 RDI voice communication system enhances SCBA facepiece voice intelligibility and delivers clear two-way radio communications when paired with Bluetooth compatible handheld field radios and remote speaker microphones.

Integrated noise suppression technology reduces environmental ambient noise from the facepiece and radio voice communications, allowing first responders to be clearly heard and understood when communicating with incident victims, team members, incident commanders and remote dispatch.

Compatible with all 3M Scott AV-series facepieces and Air-Pak SCBA, the EPIC 3 RDI provides 3M Scott customers with the safety and operational benefits of enhanced tactical voice communications.



## 3M™ Scott™ Sight In-Mask Thermal Imager

Unlike other SCBA-integrated thermal imaging devices, Sight combines a camera with a display in the facepiece without the need to reach down to lift an imager up. This gives firefighters hands-free operation for easier communication, victim extraction and tool carrying. Visibility is crucial to reducing search times, hazard identification, interior accountability, navigation and egress. Take your situational awareness to a whole new level with Scott Sight.

## Sight Pro Package

Sight Pro Package is the next evolution of the industry's first in-mask, hands-free thermal imaging solution. Pro Package enables new, advanced features that provide firefighters with greater situational awareness during fireground operations.

### Hot-Spot Tracker

Immediately identifies the hottest part of the scene and displays its relative temperature. Ideal for overhaul, search and rescue and risk assessment.

### Cold-Spot Tracker

Immediately identifies the coldest part of the scene and displays its relative temperature. Ideal for hazmat environments.

### Tactical Video Recording (TVR)

Automatically record all the information shown on the IMD for later review.

When you purchase an Air-Pak™ X3 Pro SCBA, compliant to the NFPA 1981, 2018 Edition standard, you will receive a bumper-to-bumper warranty for as long as you own the product at no additional cost.



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



**No  
Additional  
Cost**

With the **As Long As You Own It – Air-Pak™ SCBA Warranty**, customers will have peace of mind knowing that their most important investment is backed for the lifetime ownership of the product. No more crunching numbers to help manage maintenance costs towards the end of the product's life cycle.

This latest warranty from 3M Scott Fire & Safety reinforces our commitment to you — the customer — and further reduces your lifetime cost of ownership for the Air-Pak™ X3 Pro SCBA.

# Air-Pak™ X3 Pro SCBA: Your platform for performance.



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



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



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



**3M™ Scott™ Monitor  
Telemetry Software  
Solution**  
With Pro Package



**Multiple Cylinder Options  
(5.5, Snap-Change,  
30-Year)**



**3M™ Scott™ SEMS II  
Wireless SCBA Telemetry**  
With Pro Package



**3M™ Scott™ EPIC 3 RDI  
Voice Communication  
System**



Learn more at [3MScott.com/X3Pro](https://www.3MScott.com/X3Pro).

**3M**

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