# FIRE SERVICE CATALOG

## HIGH-PERFORMANCE PRODUCTS FROM SCOTT

Scott proudly sponsors the following:

**SCOTT FIREFIGHTER STAIRCLIMB**

**SCOTT FIREFIT CHAMPIONSHIPS**

**SCOTT FIREFIGHTER COMBAT CHALLENGE**

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Scott Health & Safety is a global business unit of Tyco Fire & Security that
supplies a variety of industries through manufacturing facilities located in
the United States, United Kingdom, Asia, Finland, and Australia.

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## FOR FIRE SERVICE PRODUCTS

## SCOTT'S COLOR KEY

Products in this catalog have been grouped into categories designated by the color codes shown below. To locate a specific product, use the table of contents to the left or the color-coded tabs on the pages that follow.

- AIR-SUPPLIED
- COMPRESSORS
- ACCOUNTABILITY
- AIR-PURIFYING
- ACCESSORIES
- INSTRUMENTS

# THE TOTAL SOLUTION

## FOR ALL YOUR RESPIRATORY NEEDS

Air-Pak® SCBA

Combination Airline

Powered Air

Communications

Canisters

Cartridges

### Top-Down Convertibility™

The Scott Air-Pak SCBA family of products incorporates a true platform design approach, which allows for a dramatic increase in versatility and compatibility with the entire Scott product line. This design concept helps those departments whose respiratory protection needs extend beyond SCBA's to other air-supplied or air-purified products.

Key to the Scott family of products is the advanced AV-3000™ and AV-2000® facepieces. A single facepiece. A single fit test. That's all it takes. Both the AV-3000 and AV-2000 are fully interchangeable with Scott's full-line of SCBA, air-supplied respirators and air-purifying respirators, as well as Scott's communications products, giving users a solid, practical reason to choose Scott.

Only Scott's AV-3000 and AV-2000 facepieces allow you to customize your personal protection based on the environment in which you work. The AV-3000 and AV-2000 provide true "Top-Down Convertibility™," giving you the options you want and the protection you need. Both facepieces are versatile and adapt easily to hazardous situations requiring various levels of respiratory protection. The AV-2000 is NIOSH CBRN approved for use on the Air-Pak 75 CBRN SCBA.

The AV-3000 and AV-2000 are designed to minimize equipment inventories and simplify the complexities of user training when issued as a single personal issue facepiece. Because of their versatility, the AV-3000 and AV-2000 can dramatically reduce redundant facepiece fit tests for users faced with hazardous situations requiring SCBA, air-supplied or air-purifying respiratory protection.

# AIR-PAK® 75™ SCBA

## CUTTING EDGE RESPIRATORY PROTECTION

### Air-Pak 75 SCBA
• NFPA 1981, 2007 Edition and NIOSH approved
• CBRN approved
• Respiratory protection for first responders, municipal and industrial firefighters
• Reliable performance and rugged dependability
• Redundant safeguards promote an added margin of safety
• Tactile feel end-of-service indicator
• Includes Scott's workhorse E-Z Flo® Regulator
• Unique pressure reducer acts as two reducers in one, allowing a constant supply of air if one happens to get clogged
• Available in 2216, 3000, and 4500 psi operating pressures
• Cylinder duration available in 30, 45, and 60 minutes
• Top-Down Convertibility™ with AV-2000® and AV-3000™ facepieces
• AV-2000 facepiece allows for interface with Scott's full range of communication devices
• A lightweight, ergonomically designed harness system
• Places bulk of weight on hips instead of the shoulders
• Harness incorporates quick release take-up with parachute-style hardware
• Freedom of movement, reduced fatigue
• Advanced safety features
• End of service indicators
• The industry's best warranty – full 3 years on electronics, 10 years on the entire Air-Pak SCBA and 15 years on the reducer
• Lowest overall ownership cost
• Integrate handles for easy carrying and donning/doffing
• Drag Rescue Loop for removing downed firefighters
• Pak-Tracker™ Firefighter Locator installed (initiated as an optional)
• Potted and sealed electronics protects against water infiltration
• Streamlined hose management system
• Constant-on pressure gauge edge light automatically dims and brightens the HUD (Heads-Up-Display) as environmental conditions change.

### For Legendary Performance and Value
An icon, a symbol readily recognized as having some well known significance or embodying certain qualities. At Scott Health & Safety, we're proud to embody the heritage and tradition of the U.S. fire service by offering a complete line of legendary products and an unparalleled commitment to the safety and well-being of the American firefighter. Synonymous with safety, performance and value...Scott. **An American Icon.**

### Low Air Alarms
Dual low air alarm package provides the ultimate in firefighter safety. This innovative system provides exceptional security with the Vibralert® Tactile Alarm and the Visualert Heads-Up Display.

### Vibralert® Tactile Alarm
A gentle vibration of the facepiece minimizes the chance the user's alarm will go unnoticed or be confused with another firefighter's SCBA.

### Visualert Heads-up Display
The Visualert Heads-up Display is an accurate and durable end-of-service time indicator built onto the SCBA's regulator. It provides the user an indication of bottle pressure for full, three-quarter, one-half and one-quarter. When the SCBA reaches one-half bottle pressure, the Visualert flashes, once per second, a yellow LED. At one-quarter bottle pressure (low bottle alarm), the Visualert flashes, ten times per second, a red LED.

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# AIR-PAK® NxG7™ SCBA

## NEXT GENERATION RESPIRATORY PROTECTION

### Air-Pak NxG7 SCBA
• NFPA 1981, 2007 Edition and NIOSH approved
• CBRN approved
• Adaptable platform that accommodates both the AV-2000® and AV-3000™ facepieces, along with the E-Z Flo® and E-Z Flo II regulators
• Top-Down Convertibility™ with both the AV-2000 and AV-3000 facepieces
• Includes Scott's workhorse E-Z Flo® Regulator
• One battery pack that powers the electronics system
• Patent pending SNAP-CHANGE™ cylinder connection that eliminates the high-pressure hose
• On-the-job-friendly hip-mounted pressure reducer makes working in the Air-Pak NxG7 SCBA easier
• Buddy System Indicators that indicate to fellow firefighters your PASS status and the status of the air cylinder
• Superior comfort back frame and harness system that places the weight of the SCBA on the wearer's hips
• Individually replaceable pads and straps
• Dual EBSS system that allows users to connect in an IDLH environment without having to disconnect their regulators in addition to providing a means of connection to an external air source
• Multiple end-of-service indicators, including the Vibralert® Tactile Alarm, Visualert Heads-Up Display, and indication on the Buddy System Indicators
• The industry's best warranty – full 3 years on electronics, 10 years on the entire Air-Pak SCBA and 15 years on the reducer
• Pak-Tracker™ Firefighter Locator installed (initiated as an option)
• Potted and sealed electronics protects against water infiltration
• Streamlined hose management system
• Constant-on pressure gauge edge light automatically dims and brightens the HUD (Heads-Up-Display) as environmental conditions change
• Drag Rescue Loop for removing downed firefighters

### Air-Pak® 75™ SCBA and Air-Pak® NxG7™ SCBA Ordering Information

| SCBA Model | Harness | Pressure (psgi) | Regulator | EBSS[1] | Wireframe & Air-Pak 75 SCBA — Airline Options[2] | Applicable options for all Air-Pak SCBA models — Console | Case | Packaging |
|---|---|---|---|---|---|---|---|---|
| 1 Wireframe SCBA | 1 Standard | 2 2216 | 03 E-Z Flo+ | 0 None | 0 None | 1 Gauge & HUD Only | 0 None | 1 1 SCBA per box |
| 2 Air-Pak 75 SCBA | 2 Spring Clips | 3 3000 | 04 E-Z Flo+ w/QC | 1 Standard | 1 Hansen | 2 PASS | 1 Hard Plastic | 2 2 SCBAs per box |
|  |  | 4 4500 |  | 2 Dual | 2 Schrader | 3 Pak-Tracker | 2 Soft Canvas |  |
| 3 Air-Pak NxG7 SCBA | 1 Standard | 2 2216 | 03 E-Z Flo+ | 0 None | 3 Hansen HK | 4 SEMS® II |  |  |
|  | 2 Spring Clips | 4 4500 | 04 E-Z Flo+ w/QC | 2 Dual | 4 Foster |  |  |  |
|  |  |  |  |  | 5 Cejn |  |  |  |



| AP |  |  | 0 | 2 |  |  | 0 |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|

### Part Number
Select one number per box from the chart above that corresponds to your choice.

1 Standard EBSS requires a Quick Disconnect regulator for Air-Pak 75 SCBA.
2 Airline options not available on Air-Pak NxG7 SCBA or when dual EBSS is installed on Air-Pak 75 SCBA

# AIR-PAK® SCBA UPGRADE KITS

## UPGRADE TO NFPA 2007 COMPLIANCE



Air-Pak® NxG2™ SCBA

The Scott Air-Pak® SCBA Upgrade Kit helps bring fire departments using legacy model Scott Air-Pak SCBA's in line with the current NFPA 1981, 2007 Standard for Self Contained Breathing Apparatus. Applicable to any 1997 or 2002 compliant Air-Pak SCBA, the kit is the most economical and efficient way for a fire department to upgrade their entire SCBA inventory to the new standard without the added expense of purchasing completely new self-contained breathing apparatus. Simple electronics updates and/or the addition of new components is all that is required to upgrade an older model Air-Pak to the 2007 standard. As part of the upgrade, customers can choose to add the Pak-Alert® PASS device or the Pak-Tracker™ Firefighter Locator as an option, although not required by NFPA standards. Upgrade kits must be installed by a Scott Authorized Service Center.

• Five year warranty on SCBA, three years on electronics
• Low cost upgrade option
• PASS or Pak-Tracker™ Firefighter Locator available
• Upgrade from NFPA 1981, 1997 or 2002 edition
• New components
• Field upgradeable by a local Authorized Scott Service Center



Air-Pak® Fifty™ SCBA

From the columns below, please choose the components of your current Air-Pak® SCBA when configuring your upgrade kit

| Current Certification Price includes RIC/UAC for all 1981-1997 units. For all non-CBRN units, price includes a new regulator. | | SCBA Style | | Pressure (psig) | | Regulator Hose | | Acccessory Hose (installed) | | Console/Gauge Price includes the HUD for all configurations | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NFPA 1981 - 1997 | 1 | Wireframe SCBA | 2 | 2216 | 1 | Standard Hose | 0 | Default (Single Outlet Manifold) | 1 | HUD Only |
| 2 | NFPA 1981 - 1997 (CBRN) | 2 | Air-Pak® Fifty™ SCBA | 3 | 3000 | 2 | Quick Disconnect Hose | 1 | Dual outlet w/EBSS | 2 | PASS |
| 3 | NFPA 1981 - 2002 | 3 | Air-Pak® NxG2™ SCBA | 4 | 4500 | | | 2 | Dual Outlet w/Dual EBSS or pigtail | 3 | PASS w/Pak-Tracker™ Locator |
| 4 | NFPA 1981 - 2002 (CBRN) | | | | | | | 3 | Air-Pak NxG2 SCBA without EBSS | 4 | PASS w/ SEMS® II System |
| | | | | | | | | 4 | Air-Pak NxG2 SCBA w/ dual EBSS ❶ | | |
| | | | | | | | | 5 | Air-Pak NxG2 SCBA w/ dual EBSS ❷ | | |

Part Number:
Select one digit per box from the chart above that corresponds to your choice

| 07UG | | | 0 | | | |
|---|---|---|---|---|---|---|

This price configurator is a guide to upgrade legacy Air-Pak SCBA to the NFPA 1981, 2007 Standard.

Upgrading an Air-Pak SCBA to NFPA 1981, 2007 Edition requires that the nosecup of the currently used AV-2000™ or AV-3000™ facepiece be upgraded to the 2007 standard design nosecup

| Part Number | Facepiece |
|---|---|
| 200766-01 | AV-2000 |
| 31001043 | AV-3000 (S) |
| 31001044 | AV-3000 (M) |
| 31001045 | AV-3000 (L) |

* AV-2000 facepieces manufactured prior to May 2004 cannot be upgraded




# BIOPAK 240 REVOLUTION™

## NEW STATE-OF-THE-ART 4-HOUR REBREATHER

**BioPak 240 Revolution CCBA**

The Scott BioPak 240 Revolution Rebreather was developed to protect first responders who put their lives on the line in long-duration, dangerous and demanding conditions. Whether it's a collapsed building, tunnel rescue, industrial accident, HAZMAT clean up, or urban search and rescue operation, the BioPak 240 helps those who serve and protect to do a better, safer job.

The innovative BioPak 240 Revolution is the most highly advanced, easiest to use 4-hour rebreather. With 6 liters of tidal volume, it delivers the lowest resistance breathing of any rebreather available today. The BioPak 240 Revolution cuts return to service time by 50%. A revolutionary, solid $CO_2$ scrubber design eliminates the need to measure and refill $CO_2$ absorbent as well as potential for refilling errors.

• Easy to operate. Easy to maintain
• Tough, rugged construction
• High volume, low resistance breathing for added comfort and less stress
• Revolutionary, solid $CO_2$ scrubber design enables a super-fast deployment.
• Optical warnings for low battery, coolant installation status, and 25% to end of service
• Quick-change cooling system allows you change out the canister's coolant while the unit is being worn
• Patented and unique scrubbers feature solid $CO_2$ absorbent packaged in disposable cartridges
• Low profile, body-contoured design affords more comfort and ease-of-use, with all controls and displays easily accessible



| BioPak 240 Revolution Rebreather and Facepiece Ordering Information | |
|---|---|
| Part Number | Description |
| S7-07-2401-02-0 | NIOSH Certified, Flame-Rated Harness, Green O2 Cylinder |
| S7-07-2401-04-0 | NIOSH Certified, Standard Harness, Green O2 Cylinder |
| S6-02-5002-09-0 | NIOSH AV-3000™ Facepiece, Small |
| S6-02-5002-09-1 | NIOSH AV-3000™ Facepiece, Medium |
| S6-02-5002-09-2 | NIOSH AV-3000™ Facepiece, Large |

Respirator Top Assembly includes: (1) Respirator Assembly, (1) Facepiece Anti-Fog Spray, (1) Monitor System 9V DC Battery, (1) User Manual - English, (1) Benchman User - English, (2) Ice Canister Freeze Forms with Ice Canisters installed. All packaged into a cardboard/foam shipping carton.

| BioPak 240 Revolution Rebreather Accessories and Supplies | |
|---|---|
| Part Number | Description |
| B5-01-5000-00-0 | Carbon Dioxide Scrubber |
| B6-02-5002-63-0 | Hard Carrying Case |
| B6-02-5002-16-0 | Service/Test (tool kit) |
| B6-02-5000-42-0 | Disinfectant, Carton of 75 |

# SCOTT FACEPIECES

## DESIGNED FOR ADVANCED COMFORT AND IMPROVED FIT

### AV-3000™ Facepiece

- Improved downward and peripheral vision
- Enhanced clarity of voice communication through larger dual voicemitters
- Better fit test results with three sizes of Comfort Seal™ (Small, Medium, Large) and four sizes of nosecups (Small, Medium, Large, Extra-Large)
- Unique nosecup comfort design
- Easy don 6-point quad adjustment head harness
- Dual adjustment spectacle kit
- Omni-mount bracket design allows for facepiece and transmitting communication equipment interface to be done on either voicemitter
- A simplistic clam shell design significantly decreases part changeout
- Large sealing area of the AV-3000 allows for a better firefighter hood-to-facepiece interface
- NIOSH approved, NFPA approved

| AV-3000 Ordering Information | | |
|---|---|---|
| Harness | Size | Polyisoprene/Grey Nosecup* |
| Kevlar® | Small | 805773-71 |
| Kevlar | Medium | 805773-72 |
| Kevlar | Large | 805773-73 |

### AV-2000® Facepiece

- Totally interchangeable with Scott's full line of air-supplied, air-purifying and communications products
- Tested and meets the requirements of NIOSH's CBRN Standards for the Air-Pak® 75™ and Air-Pak® NXG7™ SCBA's
- Includes a "double lip" design that provides positive pressure to the seal
- Includes a wider, softer design that improves user comfort
- Includes a thicker seal lip that adds strength to the seal structure
- Includes a broader, deeper chin cup that allows greater contact
- Other sizes available including small, large and x-large
- Available head harnesses include Kevlar® and rubber

| AV-2000 Ordering Information | | | | |
|---|---|---|---|---|
| Head Harness | Size | EPDM Rubber | Silicone | EPDM/Grey Nosecup* |
| Kevlar® | Small | 804191-01 | 804191-11 | 804191-71 |
| Kevlar | Large | 804191-02 | 804191-12 | 804191-72 |
| Kevlar | X-Large | 804191-03 | 804191-13 | 804191-73 |
| Kevlar | Comfort Seal | 804191-08 | 804191-18 | 804191-74 |

* Only these facepieces can be used with the Air-Pak 75 SCBA or the Air-Pak NxG7 SCBA.

# CYLINDER OPTIONS

## FOR SCOTT SCBA'S

### Aluminum Cylinders

- Scott's Aluminum cylinders are built around the DOT specifications and has a working pressure of 2216 psig
- Rated for 30 minutes in duration
- Free gas capacity of 45 SCF
- Hydrostatic testing to be performed every 5 years
- Unlimited life expectancy

### Carbon Cylinders

- Scott's Carbon cylinders are built around DOT specifications and have a working pressure of 2216, 3000, or 4500 psig
- Lightweight, composite cylinder consisting of an aluminum alloy inner shell, with a total overwrap of carbon fiber, fiberglass and an epoxy resin
- Rated for 30, 45, or 60-minutes in duration
- Hydrostatic testing to be performed every 5 years
- 15-year life expectancy

### ST7 Tough Cylinders

- Built extremely tough and durable
- Provides added protection against abrasion, abuse and mishaps
- Available for the carbon 45-minute, 4500 psi cylinders (soon available for 30 & 60-minute 4500 psi cylinder)
- Designed for the most demanding fireground operations
- Five year hydrostatic test and 15 year life
- Designed and manufactured in compliance with DOT

### Protective Cylinder End Caps

- Protects the crown areas of carbon cylinders
- Available for the carbon 45-minute, 4500 psi cylinder (soon available for the 30-minute, 4500 psi cylinder)
- Adds additional durability and extends cylinder life
- NFPA 1981, 2002 compliant as an accessory for our Air-Pak® Fifty™ SCBA (soon available for the Air-Pak® 75™ and Air-Pak® NXG7™ SCBA's with NFPA 1981, 2007 compliance)
- Easy to install and remains firmly adhered to cylinder
- Easily removed and reused as necessary
- Can be purchased individually or as a set (one each end)

| Cylinder and Valve Ordering Information | | | |
|---|---|---|---|
| Part Number | Description | Weight in lbs. | Weight in kgs. |
| 804101-01 | 2216 psig Aluminum Cylinder (CGA Connection HP Hose) | 21.0 | 9.5 |
| 804840-01 | 2216 psig Carbon Cylinder (CGA Connection HP Hose) | 9.4 | 4.3 |
| 805044-01 | 3000 psig Carbon Cylinder (CGA Connection HP Hose) | 12.8 | 5.8 |
| 804721-01 | 4500 psig, 30 Min. Carbon Cylinder (CGA Connection HP Hose) | 9.4 | 4.3 |
| 804722-01 | 4500 psig, 45 Min. Carbon Cylinder (CGA Connection HP Hose) | 13.6 | 6.2 |
| 804723-01 | 4500 psig, 60 Min. Carbon Cylinder (CGA Connection HP Hose) | 16.6 | 7.5 |
| 200128-01 | 4500 psig, 30 Min. Carbon Cyl (SNAP-Change Cylinder) | 9.4 | 4.3 |
| 200129-01 | 4500 psig, 45 Min. Carbon Cyl (SNAP-Change Cylinder) | 13.6 | 6.2 |
| 200130-01 | 4500 psig, 60 Min. Carbon Cyl (SNAP-Change Cylinder) | 16.6 | 7.5 |
| 200131-01 | 2216 psig, Carbon Cyl (SNAP-Change Cylinder) | 9.4 | 4.3 |

| Scott Tough Cylinders And Protective End Caps | |
|---|---|
| Part Number | Description |
| 804722-11 | ST7 45 Minute, 4500 psi Cylinder And Valve With Blue Identifier |
| 200688-S445 | Cylinder Protective Cap, Each, Small Hole, Valve End, For 45 Minute, 4500 psi Carbon Cylinder |
| 200688-D445 | Cylinder Protective Cap, Each, Dome End, For 45 Minute, 4500 psi Carbon Cylinder |
| 200689-01 | Epoxy Pak (Epoxy For Eight Caps, Mixing Nozzle, O/M) |
| 31001465 | Applicator Gun/Mixer |

PLEASE CONTACT YOUR LOCAL SCOTT REPRESENTATIVE TO ORDER YOUR CYLINDERS WITH A CUSTOMIZED LUMINESCENT CYLINDER BAND.

Protective
Cylinder End Caps

# AIR-PAK® SCBA ACCESSORIES

## UPGRADE YOUR AIR-PAK SCBA TO SUIT YOUR REQUIREMENTS

Scott Air-Pak SCBAs are designed to be upgraded as requirements change. For example, a low-pressure SCBA may be upgraded to a high-pressure system at minimum cost. Plus, it may be equipped with a range of options and a full line of accessories including:

### Pak-Alert SE®7 Pass Device
An advanced safety feature offering redundant audible and visual alarms that assist in locating down or trapped firefighters.

### Pak-Tracker Firefighter Locator
Locate a trapped or downed first responder with the RF-based Scott Pak-Tracker Locator System. Available integrated into a Scott Air-Pak or as a stand-alone system

### Extended Duration Airline*
The Air-Pak SCBA can be equipped with an extended duration airline connection for use with a remote air source up to 300 feet away. *Not available on units with Dual EBSS.

### Buddy-Breathing System
EBSS/Airline affords users mobility while not exposing the recipient or donor to ambient air. Easily connects to external air sources.

### Pak-Link™
Portable wireless device for retrieving events data logged on the 2007 SCBAs and serves a dual purpose of reprogramming integrated Pak-Tracker Firefighter Locators.

### Pass-Thru Device*
Provides airline connection on outside of Level A suits utilizing the same airline pigtail and connections found on Scott Air-Pak® SCBAs and Ska-Pak® Supplied Air Respirators.

### Standby Clip
Air-Pak SCBA users can rely on a standby clip to hold his or her facepiece in an out-of-the-way location. The standby clip attaches to the SCBA's shoulder harness.
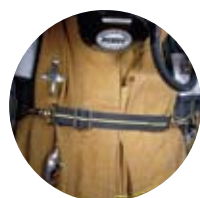
### Hard Carrying Case
Our black precision molded, high-density polyethylene carrying cases are ideal for storing and transporting Air-Pak SCBAs. Cases have a two-piece hinge design with replaceable latches.

### Soft Carrying Case
Constructed of heavyweight nylon with a full length zipper. This soft travel case accommodates a Scott Air-Pak SCBA or one full set of turn-out gear. So convenient, many firefighters use it as an overnight bag on weekends.

### Chest Strap
The chest strap is constructed with the same materials as the Air-Pak SCBA harness and is designed to adjust for a comfortable fit.

| Air-Pak® SCBA Accessories | |
|---|---|
| Part Number | Description |
| 805796-01 | Pak-Alert SE+ Pass Device (Field Install Kit for Air-Pak® 2.2/3.0/4.5/Fifty™ SCBA) |
| 805796-02 | Pak-Alert SE+ Pass Device (Factory Installed Kit for Air-Pak® 2.2/3.0/4.5/Fifty™ SCBA) |
| 803620-01 | Pass Thru Assembly, Hansen Fitting |
| 803620-02 | Pass Thru Assembly, Schrader Fitting |
| 804497-01 | Black Molded Polyethylene Hard Carrying Case (Can be ordered as part of SCBA) |
| 10009324 | Soft Canvas Carrying Case |
| 804594-01 | Standby Clip, Facepiece Snap Hook |
| 6538-00 | SCBA Steel Wall Case |
| 80007-02 | Walk-away Wall Bracket, 4500 psig, 30 Min. Cylinder |
| 80008-02 | Walk-away Wall Bracket, 2216 psig, 30 Min. and 4500 psig, 45 & 60 Min. Cylinder |
| 805511-01 | Chest Strap |
| 10008880 | Regulator Holder (Standard on all Air-Pak SCBA's) |

* Scott Pass-Thru Devices are sold to suit manufacturers only. The Scott Pass-Thru Assembly is to be installed in a Protective Suit only by the Manufacturer of the Suit.

# PORTABLE AIR SOURCES

## COMPACT AND LIGHTWEIGHT PORTABLE AIR SUPPLIES

### RIT-PAK II Portable Air Supply
- Specifically designed for Rapid Intervention Teams or Emergency Response Teams
- Fast connections for providing air to downed/trapped responders
- Specially designed cotton/nylon bag for durability
- Portable and lightweight
- 45- and 60-minute cylinder duration options
- Fire resistant
- Multiple connections standard

| RIT-PAK II Portable Air Supply Ordering Information | |
|---|---|
| Part Number | Description |
| 200223-01 | RIT-PAK II, 6' EBSS x 5' RIC Hose and Case |
| 200223-02 | RIT-PAK II, 6' EBSS x 10' RIC Hose and Case |
| 200223-03 | RIT-PAK II, 6' EBSS x 25' RIC Hose and Case |
| 200223-04 | RIT-PAK II, 20' EBSS x 5' RIC Hose and Case |
| 200223-05 | RIT-PAK II, 20' EBSS x 10' RIC Hose and Case |
| 200223-06 | RIT-PAK II, 20' EBSS x 25' RIC Hose and Case |
| 31000779 | Pyrotone Bag |

### Carri-Air™ Portable Air Supply
- Portable and lightweight means of extending respirator wear times
- For use where respirable air is not available
- Ideal for confined space, HAZMAT, decontamination and maintenance crews
- Can be used with the Air-Pak® SCBA, SWAT-PAK™ SCBA and Ska-Pak® supplied air respirators
- Air-supplied respirator wearers can work up to 300 feet from Carri-Air
- 45- and 60-minute cylinder duration options
- Hansen, Hansen HK or Schrader airline fittings available
- High flow capability at outlet pressures of 52-55 psig
- Low cost option for a portable air source

| Carri-Air Ordering Matrix | | 4500 psi Reducer Assembly Hansen | 4500 psi Reducer Assembly Schrader | 4500 psi Reducer Assembly Hansen HK |
|---|---|---|---|---|
| Harness Assembly | | 804946-01 | 804947-01 | 804947-02 | 804946-01 |
| Harness and Reducer | 804911-01 | X | X | | |
| | 804911-02 | X | | X | |
| | 804911-03 | X | | | X |

# MOBILE AIR SOURCES

## MOBILITY FOR EXTENDED DURATION APPLICATIONS

### TRC-1 Air Cart

- Supplies breathing air for up to 8 respirator users at a time
- This one cart can supply 2 teams with air from independent air sources that are independently alarmed with end-of-cylinder service indicators
- Breathing air source is controlled by selector switch
- All outlets can be supplied by installed cylinders
- All outlets can be supplied by external high pressure source
- One set of 4 outlets can be supplied by installed cylinders while another set of 4 outlets are supplied by external high pressure source
- Check-valved to prevent contamination from auxiliary manifold
- Accommodates two 4500, 3000, or 2216 psig cylinders
- Easily navigates stairs

| TRC-I Air Cart Ordering Information | |
|---|---|
| Part Number | Description |
| 200070-01 | TRC-I, 8-Outlet Cart w/ Hansen Fittings |
| 200070-02 | TRC-I, 8-Outlet Cart w/ Foster Fittings |
| 200070-03 | TRC-I, 8-Outlet Cart w/ Hansen HK Fittings |
| 200070-04 | TRC-1, 8-Outlet Cart w/Schrader Fittings |
| 200070-05 | TRC-I, 8-Outlet Cart w/ Cejn Fittings |

### Mobile Air Cart

- Supplies breathing air for several hours (by rotating cylinders) for up to 4 users at a time, at NFPA flow rates
- Standard valved high pressure inlet with stainless steel quarter turn ball valve (includes standard CGA male threads and dust cap with lanyard)
- Fail safe, open, sealed regulator on respirator supply
- End-of-cylinder service indicator
- All connections are easily accessible
- Accommodates two 4500 or 2216 psig cylinders
- Optional tool supply manifold
- Lightweight and portable
- Easily navigates stairs

| Mobile Air Cart Ordering Information | |
|---|---|
| Part Number | Two Respirator Outlet Mobile Air Cart |
| 805825-01 | 2-Outlet w/ Hansen QD, Aux. Inlet, Less Cylinders |
| 805825-02 | 2-Outlet w/ Hansen QD, Aux. Inlet, (2) 4500 psig 60 Min. Carbon Cyl. |
| 805825-03 | 2-Outlet w/ Hansen QD, Aux. Inlet, (2) 2216 psig 30 Min. Aluminum Cyl. |
| Part Number | Four Respirator Outlet Mobile Air Cart |
| 805826-01 | 4-Outlet w/ Hansen QD, Aux. Inlet, Less Cylinders |
| 805826-02 | 4-Outlet w/ Hansen QD, Aux. Inlet, (2) 4500 psig 60 Min. Carbon Cyl. |
| 805826-03 | 4-Outlet w/ Hansen QD, Aux. Inlet, (2) 2216 psig 30 Min. Aluminum Cyl. |
| Part Number | Four Respirator Outlet Mobile Air Cart |
| 805827-01 | 4-Outlet, 2-Tool w/ Hansen QD, Aux. Inlet, Less Cylinders |
| 805827-02 | 4-Outlet, 2-Tool w/ Hansen QD, Aux. Inlet, (2) 4500 psig 60 Min. Carbon Cyl. |
| 805827-03 | 4-Outlet, 2-Tool w/ Hansen QD, Aux. Inlet, (2) 2216 psig 30 Min. Aluminum Cyl. |

# SKA-PAK® RESPIRATORS

## SUPPLIED AIR RESPIRATORS FOR CONFINED SPACE SITUATIONS

### Ska-Pak AT Supplied Air Respirator

- Systems for entry into or escape from hazardous, confined space, or Immediately Dangerous to Life and Health (IDLH) situations
- Automatic, hands-free transfer from external air source to cylinder in the event that the source of air is interrupted
- Vibralert® tactical alarm notifies wearer if system has transferred to cylinder air
- Flashing electronic indicator notifies wearer of loss of cylinder pressure or low cylinder pressure
- Choice of 3-, 5-, 10-, or 15-minute duration cylinders
- Choice of harness styles
  - **Nylon** for chemical resistance
  - **Kevlar**® for high heat environment or where there is potential for sparking
  - **Full Body** for fall protection with integrated respirator

The following assemblies standard with the E-Z Flo® Regulator and AV-2000® facepiece with Kevlar head harness.

| Ska-Pak AT Ordering Information | | | | |
|---|---|---|---|---|
| Part Number | Harness Type Type | Cylinder Duration | Cylinder Type | Fitting Type |
| 200063-01 | Kevlar | 5 Min. | 3000 psi Composite | Hansen |
| 200063-05 | Nylon | 5 Min. | 3000 psi Composite | Hansen |
| 200063-06 | Nylon | 5 Min. | 3000 psi Composite | Schrader |
| 200064-05 | Nylon | 10 Min. | 3000 psi Composite | Hansen |
| 200064-06 | Nylon | 10 Min. | 3000 psi Composite | Schrader |
| 200064-01 | Kevlar | 10 Min. | 3000 psi Composite | Hansen |
| 200064-50 | Kevlar | 10 Min. | 4500 psi Composite | Hansen |
| 200120-01 | Nylon | 15 Min. | 3000 psi Composite | Hansen |
| 200063-38 | Full Body (m) | 5 Min. | 3000 psi Composite | Hansen |
| 200064-39 | Full Body (m) | 10 Min. | 3000 psi Composite | Schrader |

NOTE: Other fittings are available. Please contact Scott customer service.

### Ska-Pak Supplied Air Respirator

- Combination Type C positive pressure respirator
- Includes E-Z Flo® Pressure Demand Regulator with First Breath Activation
- Meets NFPA airflow rates for SCBA's
- Systems for entry into or escape from hazardous, confined space, or Immediately Dangerous to Life and Health (IDLH) situations
- Choice of a 5-minute, 2216 psi aluminum cylinder or either a 10- or 15-minute, 3000 or 4500 psi hoop-wrap fiberglass cylinder
- 2 styles of harness:
  **Polypropylene** - chemically resistant and lightweight
  **Kevlar**® - ideal in high heat environments or when there is potential for sparking

The following assemblies standard with the E-Z Flo® Regulator and AV-2000® facepiece with Kevlar head harness.

| Ska-Pak Ordering Information | | | | |
|---|---|---|---|---|
| Part Number | Harness Type Type | Cylinder Duration | Cylinder Type | Fitting Type |
| 804231-01 | Polypropylene | 5 Min. | 2216 psi Aluminum | Hansen |
| 804231-02 | Polypropylene | 5 Min. | 2216 psi Aluminum | Schrader |
| 804231-03 | Polypropylene | 5 Min. | 2216 psi Aluminum | Hansen HK |
| 804331-01 | Kevlar | 10 Min. | 4500 psi Hoop Wrap Fiberglass | Hansen |
| 804331-02 | Kevlar | 10 Min. | 4500 psi Hoop Wrap Fiberglass | Schrader |
| 804331-03 | Kevlar | 10 Min. | 4500 psi Hoop Wrap Fiberglass | Hansen HK |
| 805195-01 | Polypropylene | 15 Min. | 3000 psi Hoop Wrap Fiberglass | Hansen |
| 805195-02 | Polypropylene | 15 Min. | 3000 psi Hoop Wrap Fiberglass | Schrader |

NOTE: Other fittings are available. Please contact Scott customer service.

# CONFINED SPACE ACCESSORIES

## ADDED OPTIONS AND PROTECTION FOR CONFINED SPACE

Scott provides a wide range of Confined Space accessories. All are designed to be used in Confined Space environments. The Ska-Pak® Supplied Air Respirators may be equipped with a range of options and a full line of accessories including:
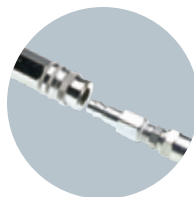
### Waist Belt Extension
Waist belt extension for both the Kevlar® and Nylon harnesses provides for a comfortable fit for larger waist sizes. Male and female Nexus belt buckles couple with the harness assembly.

### Personal Issue Regulators
Regulators offer a quick-connect coupling on the regulator supply line for quick and easy change-out.

### Couplings
Quick-disconnect socket and plug assemblies are available for a wide variety of applications. Assemblies available include Hansen, Foster, Schrader and Hansen HK.

### Y Connector
Dual supply manifold with quick-disconnect sockets for providing flexibility in breathing air.

### Airline Hose
Airline Hose is available in segments with quick-disconnect couplings. A maximum of 12 segments totaling 300 feet is approved for use with the Ska-Pak and Ska-Pak Plus* Supplied Air Respirator.

*Exception: Hansen HK, maximum number of segments is 6, maximum length is 150 feet.

### Cylinder/Valve Assemblies
Available in 5-minute Aluminum 2216 psig and 5-minute or 10-minute fiberglass 3000 psi bottles. Ska-Pak supplied air respirators are equipped with E-Z Klip™ for easy change-out.

| Confined Space Accessories Ordering Information | |
|---|---|
| Part Number | Description |
| 804221-01 | EZ-Flo® Regulator |
| 804319-xx | Y Connector |
| 805088-01 | Kevlar Waist Belt Extension, 1.5" wide |
| 805088-02 | Nylon Waist Belt Extension, 2" wide |

| Couplings Ordering Information | |
|---|---|
| Part Number | Description |
| 10008005 | Hansen HK Socket |
| 14492-01 | Hansen HK Plug Assembly |
| 10008033 | Hansen HK Fitting |
| 10008235 | Foster Socket and Hose Fitting |
| 10008234 | Foster Plug and Hose Fitting Assembly |
| 13435-00 | Hansen Socket and Hose Clamp Assembly |
| 13436-01 | Hansen Plug and Hose Fitting Assembly |
| 40389-00 | Schrader Socket and Hose Clamp Assembly |
| 15435-00 | Schrader Plug and Hose Clamp Assembly |

| Cylinder/Valve Assemblies Ordering Information | |
|---|---|
| Part Number | Description |
| 805031-01 | Aluminum, 5-Minute, 2216 psig |
| 804988-01 | Full Wrap Fiberglass, 5 Minute, 3000 psig |
| 804978-01 | Full Wrap Fiberglass, 10 Minute, 3000 psig |
| 805032-01 | Hoop Wrap Fiberglass, 10 Minute, 4500 psig |

| Airline Hose Ordering Information | |
|---|---|
| Part Number | Description |
| 26369-010 | Hansen HK, 10 Ft. |
| 26369-025 | Hansen HK, 25 Ft. |
| 26369-050 | Hansen HK, 50 Ft. |
| 26370-025 | Foster, 25 Ft. |
| 26370-050 | Foster, 50 Ft. |
| 26370-100 | Foster, 100 Ft. |
| 30010-025 | Hansen, 25 Ft. |
| 30010-050 | Hansen, 50 Ft. |
| 30010-100 | Hansen, 100 Ft. |
| 30020-025 | Schrader, 25 Ft. |
| 30020-050 | Schrader, 50 Ft. |
| 30020-100 | Schrader, 100 Ft. |

*NOTE: Additional Airline Hose available upon request.

# SIMPLE AIR COMPRESSOR

## ECONOMICAL AND EFFICIENT STATIONARY AIR COMPRESSOR

### Simple Air
A cost effective, low profile breathing air system that is a complete compressor assembly with maximum open frame air flow design. Features our patented FreshAir® Purification System capable of purifying 17,000 to 37,000 scf of air (see chart on page 10).

### Features
• Auto drain system with muffler reservoir
• Automatic low oil shut down indicator
• Stage gauge panel
• Emergency stop button
• Operation time meter
• Automatic high temperature shut down indicator
• Automatic control & indicator panel
• NFPA, NIOSH and CSA Standards
• One year warranty

### Options
• Single or three phase power
• Horsepower ranges of 5, 7.5, or 10 (6.2-14 cfm/176-397 lpm)
• 5000 psi/345 bar units – 5HP (6.2 cfm/176 lpm) or 7.5HP (9 cfm/255 lpm)
• 6000 psi/413 bar units – 7.5HP (8.4 cfm/238 lpm) or 10HP (14 cfm/397 lpm)
• Scott X4 Control Monitor (see note below)
• ASME Storage Cylinders (6000 psi/413 bar) (Required in Calif.) or DOT Storage Cylinders (4500 psi/310 bar, 5000 psi/345 bar, & 6000 psi/413 bar)
• Moisture indicator
• Calibration kit
• Remote air intake

# HUSH AIR COMPRESSOR

## THE QUIETEST STATIONARY AIR COMPRESSOR ON THE MARKET

### Hush Air
The quietest breathing air system on the market today. A complete compressor assembly with maximum open frame air flow design. Featuring our patented FreshAir® Purification System capable of purifying 60,000 to 84,000 scf of air (see chart on page 10).

### Features
• Auto drain system with muffler reservoir
• Automatic low oil shut down indicator
• Stage gauge panel
• Emergency stop button
• Operation time meter
• Automatic high temperature shut down indicator
• Automatic control & indicator panel
• NFPA, NIOSH and CSA Standards
• One year warranty on entire unit
• Two year warranty on compressor block

### Options
• Horsepower* ranges of 15, 20, or 30 (22-40 cfm/623-1133 lpm)
• Scott X4 Control Monitor (see note below)
• 6000 psi/413 bar units – 15HP (21.5 cfm/609 lpm) or 20HP (25.5 cfm/722 lpm)
• ASME Storage Cylinders (6000 psi/413 bar) (Required in Calif.) or DOT Storage Cylinders (4500 psi/310 bar, 5000 psi/345 bar, & 6000 psi/413 bar)
• Moisture indicator
• Calibration kit
• Remote air intake

# GUARDIAN

## ECONOMICAL TOTAL CONTAINMENT BAC CHARGE STATION

### Guardian Charge Station

This economical unit is a complete, total containment BAC charge module, designed with many unique safety features. It has rigid charge adapters, safety interlocks, safety pressure gauges, charge and bleeder valves and a pressure regulator for automatic BAC charging.
• Economical charge station
• Total containment for two cylinders
• Designed with safety in mind
• Third party test and certified (NFPA 1901)
• NFPA & NIOSH Standards
• Safety pressure gauges (storage-compressor and cylinder)
• Auxiliary outlet unregulated back, regulated front
• Auto storage valve

### Options
• Cascade panels (2, 3, 4, 5, 6 or 8 banks)
• Auxiliary low pressure regulator (300 psi/20 bar)
• Auxiliary high pressure regulator (6000 psi/413 bar)
• Dual pressure regulator (2216-4500 psi/152-310 bar)
• Storage rack
• Auto cascade
• SCUBA kit

# REVOLVEAIR®

## THE MOST INNOVATIVE CHARGE STATION ON THE MARKET

### RevolveAir Charge Station

The revolutionary RevolveAir charge module provides maximum safety and performance, simultaneously charging (2) BAC's within the protective chamber while two BAC's are being exchanged on the outside of the chamber. The unit comes complete with safety interlocks, safety gauges, charge and bleed valves and pressure regulator for automatic BAC charging.

• Ergonomically designed
• Fills two cylinders while two are being exchange
• Offers personal time savings over competitive charge stations a minimum of 33% faster
• Designed with safety in mind
• Third party test and certified (NFPA 1901)
• NFPA & NIOSH Standards
• Safety pressure gauges (storage-compressor and cylinder)
• Auxiliary outlet unregulated back, regulated front
• Auto storage valve

### Options
• Cascade panels (2, 3, 4, 5, 6 or 8 banks)
• Auxiliary low pressure regulator (300 psi/20 bar)
• Auxiliary high pressure regulator (6000 psi/413 bar)
• Dual pressure regulator (2216-4500 psi/152-310 bar)
• Storage rack
• Auto cascade
• SCUBA kit

# LIBERTY SERIES

## MOBILE SYSTEMS FOR ON-SCENE FILLING CAPABILITY

For maximum performance and reliability on the scene, Scott has designed three configurations of our unique Liberty Mobile Air Systems that are ruggedly built with safety features that are unequaled in the industry. With two totally enclosed trailers and one "slip-in" model, the innovative Liberty Air Series is the choice for your mobile BACCS needs. Built upon our unique platform design and featuring our patented FreshAir® Purification System and revolutionary RevolveAir® charge station with Scott X4™ Controller (CO & Moisture Monitor) LCD annunciator display with audio/visual alarms for dependable operations time and time again.

• Maximum open frame
• The lowest RPM in the market
• Auto Drain System with muffler reservoir
• Automatic low oil shut down indicator
• Stage gauge panel
• Emergency stop button
• Operation time meter
• Automatic air driven light tower with four 300 watt lights
• Automatic high temperature shut down indicator
• Automatic control and indicator panel

• NFPA, NIOSH and CSA Standards
• Low maintenance / long life
• Two ASME storage cylinders
• 7.2KW generator
• Low pressure outlet (120 psi)
• Time proven system
• US Air Force and US Navy preferred
• Durable and reliable service
• One year warranty on entire unit
• Two year warranty on compressor block

### Options
• SCUBA adapter
• Spare tire
• Calibration kit

# LIBERTY I

## STANDARD BREATHING AIR SYSTEM TRAILER

### Liberty I
The easy-tow Liberty I is a totally enclosed single axle trailer that is well suited for mobile applications. It comes with two ASME storage cylinders and is capable of being towed by any vehicle rated for 6000 lbs. or more.

### Options
• Horsepower 20, (25.5 cfm)/(722 lpm)
• 6000 psi/413 bar
• Cascade Panels
• Surge brakes (standard) or electrical brakes (optional)

NOTE: Liberty I comes standard with RevolveAir® Charge Station, (2) ASME Cylinders, Scott X4™ Controller, Light Tower with (4) 300 watt Lights, 7.2KW Generator and Surge Brakes (20 HP Electric Motor and 47 HP Diesel Engine) and 2 5/16 ball. Color: Red.

# LIBERTY II

## TANDEM-AXLE BREATHING AIR SYSTEM TRAILER OPTIONS

### Liberty II
The easy-tow Liberty II has all of the features of the Liberty I but is a tandem axle unit. The Liberty II can bear more weight, thus leading to an array of available options. It also comes with four ASME cylinders instead two and is capable of being towed by any vehicle rated for 7000 lbs. or more.

### Options
• All of the Liberty I options plus:
• SCBA storage rack
• High pressure reel
• Low pressure reel
• SCUBA adapter
• Spare tire
• Calibration kit

NOTE: Liberty II comes standard with RevolveAir® Charge Station, (4) ASME Cylinders, Scott X4™ Controller, Light Tower with (4) 300 watt Lights, 7.2KW Generator and Surge Brakes (20 HP Electric Motor and 47 HP Diesel Engine) and 2 5/16 ball. Color: Red.

# SEMS® II ACCESSORIES

## PERSONNEL ACCOUNTABILITY SYSTEM

**SEMS II** is a remarkable accountability system that puts the incident commander at every firefighter's side, displaying information vital to personal safety in volatile and dangerous situations, while providing a continuous link of communications to the command station. And with the integrated personnel locator, it provides the peace of mind that a downed or trapped firefighter can be quickly found. SEMS II is a highly functional, programmable ID accountability system with three distinct, yet interconnected functions. These functions provide the highest level of personal safety to the firefighter and an advance system of personnel accountability to the incident command center.

**Pak-Alert® Personal Alert Safety System (PASS) Device** – a personal alarming system of a downed or trapped firefighter. Each SEMS II system includes a wireless transceiver, built into the PASS device, that transmits critical information between the firefighter and base command when the PASS unit is automatically or manually activated. The incident commander receives transmissions from each activated SEMS II unit regarding the SCBA's cylinder pressure level, firefighter immobility, self-evacuation, and link status from firefighters on scene.

- Uses audible and visual indicators including "down firefighter signal" confirmation, and range status.
- Transceiver sends and receives information from the command center computer
- Simultaneously displays 100+ firefighters on scene at base station
- Non-verbal communication affords swift accountability of single or multiple firefighters
- Utilizes patented "mesh networking" allowing continuous communication between nodes until a destination is reached.
- Air-Pak SCBA in "on"condition signals base station

**Personnel Accountability System** – operates as a two-way, visual audible method of communications for all-calls and self-evacuations and monitors the assignment and status of over 100 firefighters on scene using the department's own personal laptop PC and proprietary SEMS II software, information from each active firefighter is received and monitored through an easy-to-read, easy-to-use interface that serves as the base station for SCBA users on scene, allowing the incident commander to continuously monitor vitals (air pressure, time on scene, PASS alarm status) and send evacuation signals to assigned groups, individuals or all firefighters on scene

**Search And Rescue** – because it is integrated with Scott's revolutionary Pak-Tracker™ Firefighter Locator technology, SEMS II is a vital element in the ability to search and rescue downed or trapped firefighters. Utilizes powerful 2.4 GHz RF technology to located individuals up to 900 feet away (line of sight) utilizing a hand held receiver that guides the searcher to the downed firefighter

SEMS II Accountability System records and stores incident information such as event date and time, department name, programmed tag information, actual event (log-on, pass alarm, etc.), cylinder pressure at time of event, and total time of SCBA usage for analysis of operating procedures

### SEMS™ II and Accessories Ordering Information

| Part Number | Description |
|---|---|
| 200772-01 | PCMCIA Antenna with Software |
| 200773-01 | RFID Card Programmer with Software |
| 200774-01 | RFID Card (pkg of 10) |
| Upgrades | Contact Your Scott Distributor or Reference Your Scott Airpak SCBA Upgrade Kit Configurator for a PN |
| W/SCBA | Contact Your Scott Distributor or Reference Your Scott Airpak SCBA Configurator for a PN |

Note: Personal laptop PC not included in the SEMS II Accountability System. Must be purchased separately.

# PAK-TRACKER™

## FIREFIGHTER LOCATOR SYSTEM

**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 locator system. Available as a stand-alone system deployed with or without an SCBA or integrated into a Scott Air-Pak® 75™ SCBA or Air-Pak® NxG7™ SCBA. The rugged, simple to use system functions on the principle of 2.4GHz RF signal strength received and is an invaluable additional tool for search and rescue operations.

- Hand-held receiver can monitor and scroll up to 36 personal transmitters
- 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 or manual activation of personal transmitter or automatic activation of integrated system upon SCBA air activation
- High-intensity LED lights indicate battery power and signal strength
- Location distance of greater than 900 feet line of sight (300 meters)
- Based on directional 2.4GHz RF signal received from the transmitter
- Lightweight personal transmitter for individual use, can be clipped on turnout gear or worn on person or integrated into Scott SCBA
- Lightweight hand-held receiver, just 2.2 pounds
- Available with accessories including desktop or truck charger

**Pak-Tracker Firefighter Personal Transmitter Programmer**

Reprogram a Pak-Tracker personal transmitter's factory set eight character alpha-numeric identification to meet a department's needs. Complete with software and hardware that easily connects to any computer's USB port.

- Improves firefighter accountability
- Change factory set character identification
- Comes complete with all hardware and software

Integrated Pak-Tracker
Firefighter Locator†

†To order either the Air-Pak 75 SCBA or Air-Pak NxG7 SCBA with an integrated Pak-Tracker Firefighter Locator System, see the Air-Pak SCBA configurator on page 6.

| Pak-Tracker Firefighter Locator System † | |
|---|---|
| **Part Number** | **Description** |
| 200266-02 | Pak-Tracker Firefighter Locator System Hand-Held Receiver Kit (includes Rechargeable Battery, & Neck Strap) |
| 200267-01 | Pak-Tracker Firefighter Locator System Personal Transmitter Kit (includes three AAA Batteries & Lanyard) |
| 805796-03* | Pak-Tracker Firefighter Locator System, Scott Air-Pak® SCBA Integrated Field Install Kit |
| 805796-04* | Pak-Tracker Firefighter Locator System, SCBA Integrated Factory Installed |
| **Charging Systems** | |
| 200433-01 | Hand-Held Receiver Truck Charging System, 12VDC |
| 200433-02 | Hand-Held Receiver Truck Charging System, 110VAC |
| 200434-01 | Hand-Held Receiver Desktop Charging System, 110VAC |
| **Accessories** | |
| 200711-01 | Pak-Tracker Personal Transmitter Programmer |
| 200402-01 | Hand-Held Receiver Rechargeable Battery |
| 40014453 | Neck Strap |
| 200431-01 | Personal Transmitter Battery Cover |
| 200411-01 | Personal Transmitter Lanyard |

*Air-Pak® Fifty™ SCBA or Air-Pak® NxG2™ SCBA Field and Factory Installation Kits for Pak-Tracker Fire Locator

Pak-Tracker Personal
Transmitter Programmer

# COMMUNICATIONS

## PRODUCTS DESIGNED FOR YOUR SPECIFIC NEED

**Easy Installation & Maintenance**

All of Scott's communication systems may be mounted on all existing Scott AV-2000® and AV-3000™ facepieces by means of a bracket attached to the voicemitter housing. All that is needed to lock any communication system in place is a single quarter turn. Each system's lightweight design means that there is no loss of facepiece comfort or performance. Each system is compatible with virtually all handheld portable radios with remote accessory connectors. Each system is water resistant for ease of maintenance. To clean any system, users may use a solution of warm water with mild detergent.

**EPIC™ Voice Amplifier**

• Robust person-to-person communications with , AV-3000 or AV-2000 facepieces.
• Sleek, streamlined package, weighing only 4.2 ounces.
• Angled speaker projects the voice in the direction the user is facing.
• Automatic shut-off deactivates the system 20 minutes after the last use to preserve battery life.
• Easy to recognize low battery alert warns the user when only 10% of battery life remains.
• Designed for approvals which will include:
     NFPA 1981, 2007 Edition
     UL 913, Intrinsic Safety 6th Edition: Class I, II, III, Division 1, Groups A, B, C, D, E, F and G.

**EPIC™ RI Wireless Communications System**

• Bluetooth enabled system for both remote and local communications
• Designed foe use with Scott's AV-3000™ and AV-2000® facepieces
• Clear, crisp voice transmission and reception
• Features a facepiece-mounted voice amplifier/radio interface and a separate communications console, which connects to the user's two-way radio
• The two components may be used together as a system or independently
• Communicates in three modes; voice amplification for person-to-person communications, remote communications to a location outside of a scene by means of a two-way radio, and non-emergency two-way radio communications
• Powered by disposable AAA alkaline batteries
• An NFPA 1981, 2007 edition approved accessory, intrinsically safe approved to UL 913 Class 1 Div 1 Groups A-G

**E-Z Radiocom I Communication System**

• Simple interface between a portable radio and an AV-2000 or AV-3000 facepiece
• Reduces garbled or lost transmission, which translates into greater safety
• Waterproof
• Can be mounted to all existing facepieces with a simple 1/4 turn universal mounting bracket
• PTT button is oversized for use with gloved hand
• Unique power design which runs off the batteries in the user's radio
• Lightweight, weighs only 11 oz. (312g)
• Compatible with virtually all radios
• Maintains respirator NIOSH certification
• NFPA 1981 compliant as an accessory on SCBA
• ETL listed for Intrinsic Safety Class I, II, III, Div. I, Groups A, B, C, D, E, F and G per ANSI/UL 913

# COMMUNICATIONS

## PRODUCTS DESIGNED FOR YOUR SPECIFIC NEED

**HAZMAT Radiocom Communication System**

• Simple interface between a portable radio and an AV-2000® or AV-3000™ facepiece
• Reduces garbled or lost transmission, which translates into greater safety
• Waterproof
• Can be mounted to all existing facepieces with a simple 1/4 turn universal mounting bracket
• PTT button is oversized for use with gloved hand, paddle and ring finger
• Unique power design which runs off the batteries in the user's radio
• Lightweight, weighs only 7 oz. (198g)
• Compatible with virtually all radios
• Maintains respirator NIOSH certification

**Clear Calm™ Wireless Communications System**

• The world's first in-mask, voice activated, wireless communications system
• Designed to improve the quality of in-mask communications between industrial personnel, who must wear Self Contained Breathing Apparatus (SCBA)
• A small wireless transmitter, conveniently mounts inside Scott's AV-2000® or AV-3000™ facepieces, with a lapel mounted receiver unit designed to interface with the users existing radio
• Provides a higher level of voice clarity by isolating background noise, while maintaining a true balanced feel to the users facepiece
• State-of-the-art Clear Calm operating software provides a wireless link to offer in-mask radio communications, hands free person-to-person team talk communications and hands free voice amplification to occur simultaneously
• NIOSH Approved on Scott's Air-Pak® 50i SCBA, ISCBA™, Ska-Pak® family of supplied air respirators and the E-Z Airline™ supplied air respirator

**Con-Space® Link Communication Device**

• Provides superior clarity through a full duplex communication system
• Designed to transmit and receive communications hands-free
• One-button security – attendants are quickly alerted to an entrant's emergency through an alarm button located on housing
• Can be mounted to all existing AV-2000 and AV-3000 facepieces with a simple 1/4 turn universal mounting bracket
• Uses military audio connectors with stainless steel housing and gold plated self-wiping contacts
• Molded from thermoplastic for more durable construction
• Fully operational with any Con-Space CSI-1000, CSI-2000 or Rescue Hardline Communications System from Con-Space Communications, LTD
• Lightweight, weighing only 7 oz. (198g) with battery
• Maintains NIOSH respirator approvals
• Factory Mutual listed for Intrinsic Safety Class I, II, III, Div. I & II, Groups A, B, C, D, E, F and G, T3C per ANSI/UL 913
• CSA listed for intrinsically safe Class I, Div. I, Groups A, B, C, D, Class II, Group G & Coal Dust; Class III, 23C
• EExia IIC T4-Celenec

# ORDERING INFORMATION

## FOR COMMUNICATIONS AND ACCESSORIES

| EPIC™ Facepiece Bracket | |
|---|---|
| Part Number | Description |
| 200715-01 | AV-3000™ communications bracket, right side. |
| 200716-01 | AV-2000® communications bracket |

| ClearCalm™ Communcations System and Accessories | |
|---|---|
| Part Number | Description |
| 200780-01 | Facepiece-Mounted Transmitter |
| 200781-01 | Receiver Console for All Radios Except MaCom |
| 200781-02 | Receive Console for MaCom Radios |
| 200782-01 | Remote Press-To-Talk Interface for Use in Level"A" Suits |

| EPIC Voice Amplifier and EPIC RI Wireless Communications System | |
|---|---|
| Part Number | Description |
| 200260-01 | Voice amplifier assembly |
| 200261-01 | Voice amplifier/RI assembly |

| Communications Ordering Matrix | | | | |
|---|---|---|---|---|
| Dash # | Radio Brand | Radio Model | EPIC RI Console (200262-XX) | ClearCalm interface cable (200785-XX) |
| -01 | Motorola | MT1000, MTX 800 series | X | |
| -02 | Robust | HT1000, XTS5000, XTS3000 | X | X |
| -03 | Motorola | Sabre QD | X | |
| -04 | Motorola | HT750, HT1250 | X | X |
| -05 | Motorola | Astro, Sabre, MX1000 | X | |
| -06 | Motorola | Mototrbo™ XPR6300, 6350, 6500, 6550 | X | |
| -07 | Kenwood | TK 280, 380, 290, 390 | X | X |
| -08 | Icom | IC-F50, IC-F60, IC-F60IS | X | |
| -09 | Icom | IC-F30GT/GS, F31GT/GS, F40GS | X | |
| -10 | MaCom | Jaguar; P7100, P5100 | X | X |
| -11 | Motorola | Radius GP300 | X | |

Note: Add dash number for specific radio connection required; consult factory for radio connections not shown.

| Communications Ordering Matrix | | | | | |
|---|---|---|---|---|---|
| Dash # | Radio Brand | Radio Model | E-Z Radiocom™ I (805206-XX) | HAZMAT Radiocom Paddle PTT (805701-XX) | HAZMAT Radiocom Ring Finger (805702-XX) |
| -03 | Motorola | GP88, GTX, LTS2000, Radius P110, P1225, Radius GP300 | X | X | X |
| -04 | Motorola | HT1000, XTS5000 | | | |
| -17 | Kenwood | TK320, TK340, TK350, TK353, TK240, TK248, TK250, TK260, TK270, TK360, TK370, TK430, FREETALK LINE | X | X | X |
| -34 | Kenwood | TK 280, 290, 380, 390, 480, 481 | X | X | X |
| -68 | Motorola | GP328, HT1250, HT1550, HT750, Pro 5150, | X | X | X |

Note: Brackets for all communications systems must be ordered separately depending on whether the system will be used on an AV-2000 or AV-3000. X - Available for this model

# EAGLE IMAGER® 320

## EXPANDING YOUR VISION WITH TECHNOLOGY

### The Next Generation Thermal Imaging Technology

Since the introduction of thermal imaging technology to the fire service, Scott has been a leader in providing the most advanced, fire-ground proven thermal cameras to first responders for use in search and rescue, overhaul operations, and hot spot identification. Now, Scott adds to its family of thermal cameras with the new Eagle Imager 320 – a step ahead in thermal imaging technology with the trusted name of Scott behind it.

- Uses an amorphous silicone (a-Si) camera core capable of producing vivid imagery under a variety of conditions.
- 1,100° dynamic range generates highly detailed images enable easy scene interpretation and eliminates white out
- A wide dynamic range permits the user to see a firefighter standing next to or behind flame.
- Ergonomic Multi-Position Handle permits adjustability to three different positions (standing, crawling and hands-free) for use in virtually any condition
- Twist-Change Battery for fast battery replacement
- Robust 9-volt nickel metal hydride battery offers over four and a half hours of run time
- Wide diameter 4-inch (10.16 cm) LCD viewing screen for optimal viewing and maximum scene detail
- Zoom-in feature allows for 1x, 2x, and 4x magnification helps distinguish between objects or temperatures.
- On-screen graphic icons indicate camera modes and battery life
- Tactile 2-Button Control operates the camera using just two large buttons that are easily manipulated by gloved hands
- On-Screen Temperature Readout (in either °F or °C) is standard with both a digital and a bar graph indicator.
- Temperature awareness colorization™ (TAC) identifies temperatures in certain ranges (yellow > 200°F, orange > 500°F, red > 800°F)
- Max Temp™ indicator, displayed in all operating modes, identifies the temperature of the hottest object
- Overhaul mode identifies background temperatures above the median to assist with hot spot localization
- Available with a two-channel transmitter that permits wireless transmission of images to a remote receiver station and monitor.

| Eagle Imager 320 Thermal Imaging Camera | | | | |
|---|---|---|---|---|
| Part Number | Description (Bar Scale and Digital) | Overhaul Mode | TAC Mode | Transmitter |
| 200744-01 | °F | X | X | |
| 200744-02 | °F | X | X | X |
| 200744-11 | °C | X | X | X |
| 200744-12 | °C | X | X | |

# EAGLE IMAGER® 160 & EAGLE X™

## AFFORDABLE THERMAL IMAGING TECHNOLOGY

### Reliable, Rugged & Compact Package

### Eagle Imager 160 Thermal Camera

• Crisp, clear images for quick, efficient fireground operations with large 4-inch LCD
• Versatile design for transition between crawling, standing or hands-free use
• Firecooled™ vanadium oxide microbolometer features wide 1,100° dynamic range without ghosting, halos or other image artifacts
• 60 Hz. update rate and 160x120 focal plane array generate images equal or superior to camera cores with larger FPA's
• Superior in performance, yet affordable enough to deploy on each of a department's trucks
• Twist-Change™ handle adjustment permits hands-on or virtual hands-free operation in multiple handle positions
• Lightweight, 4.2 lbs for easy and secure handoff from one firefighter to another
• Extra-long 4-hour battery life
• Gloved-hand friendly battery compartment for quick and simple battery change
• Optional on-screen temperature readout
• Optional 2-channel transmitter
• Automatic 1-year warranty with 2 years of optional warranty protection available
• Optional wireless transmitter allows incident command to remotely view (through a monitor) what a firefighter on scene sees

### Eagle X™ Thermal Imaging Camera

• Lightweight Eagle X Thermal Imaging Camera weighs just 2.6 lbs.
• The camera's 3.5 inch LCD displays finely detailed images for fast, accurate image identification.
• "Through-the-lens" viewing allows the Eagle X Thermal Imaging Camera to be used in "looking glass" fashion by holding the camera up to the user's face at eye level.
• The Eagle X Thermal Imaging Camera offers up to two hours of continuous run time with rechargeable NiMH batteries.
• As an added convenience, users may also power this versatile camera by using disposable AA alkaline batteries for up to one hour of continuous run time.
• "Image-on-demand," an exclusive Eagle X T hermal Imaging Camera feature, enables the user to significantly extend valuable battery run time by allowing the user to display an instant image only when needed.
• Eagle X Thermal Imaging Camera features the same revolutionary vanadium oxide microbolometer engine with its 160x120 focal plane array and 1,000 degree dynamic range offered in the Eagle 160® Thermal Imaging Camera.

### Thermal imaging training

Training, conducted by experienced and professional firefighters, for Scott thermal imaging cameras may be arranged with:
Safe-IR , Inc.
P.O. Box 297
Montgomery, NY 12549
Tel.: 845-457-2421
Toll free: 877-472-3347
Fax: 845-457-2422
Email: Info@safe_ir.com

| Eagle Imager I60 Thermal Imaging Camera Ordering Information | |
|---|---|
| Part Number | Description |
| 200155-01 | EI 160 Camera |
| 200155-03 | EI 160 Camera w/ On-Screen Temperature Readout |

| Eagle X Thermal Imaging Camera Ordering Information | |
|---|---|
| Part Number | Description |
| 200353-01 | Eagle X Yellow Housing |
| 200353-03 | Eagle X Yellow Housing With Digital Radiometry |
| 200353-06 | Eagle X Black Housing |

| Eagle Imager I60 Spare Parts & Accessories Ordering Information | |
|---|---|
| Part Number | Description |
| camerawar61 | 1 year Extended Warranty |
| camerawar62 | 2 year Extended Warranty |

# POWERED AIR-PURIFYING

## PROTECTION FOR DOMESTIC PREPAREDNESS SITUATIONS

### Proflow 2 and Proflow 3 Powered Air Purifying Respirators

• Quiet operation
• Built in control system continually monitors status to ensure adequate air flow
• Maintains constant flow of air easily compensating for filter loading
• Sealed body makes unit shower-proof and safely encases battery
• Blower unit is curved to fit the body and is weight balanced for maximum comfort
• High impact resistant casing resists wear and tear
• Blower body is easy to wash and decontaminate
• 40mm cartridges attach facing downward to prevent ingress of water of contaminant
• Microprocessor controlled air flow management constantly displays battery status and air flow status
• Audible and flashing alarm warns of low battery, and low air flow which could indicate time to change cartridges
• The Proflow PAPR family supports the Top-Down Convertibility™ feature of the AV-2000® and AV3000™ facepiece

| Proflow 2 Powered Air Purifying Respirator Ordering Information | |
|---|---|
| Part Number | Description |
| 805810-02 | Proflow 2 Powered Air Purifying Respirator (including blower unit, waist belt, breathing tube, battery and charger) with AV-2000 mask (Kevlar® headnet and Comfort Seal™) |
| 805810-03 | Proflow 2 Powered Air Purifying Respirator (including blower unit, waist belt, breathing tube, battery and charger) without mask |

| Proflow 2 Powered Air Purifying Respirator Cartridges and Accessories | |
|---|---|
| Part Number | Description |
| 805557-01 | MPC Plus Cartridge |
| 045170 | MPC40PF Cartridge |
| 052683 | HEPA Cartridge |
| 064074 | Easy Decontamination Waist Belt |
| 064079 | Breathing Tube-Extra Long (40 in, 100cm) |
| 063791 | Battery Charger |
| 063548 | Proflow 2 Battery Pack; Rechargeable, NiMH |

| Proflow 3 Powered Air Purifying Respirator Components & Systems | |
|---|---|
| Part Number | Description |
| 805820-01 | Proflow 3 W/ rechargeable battery pack and single unit 'smart' charger |
| 805820-05 | Proflow 3 system complete with Small Butyl Hood assembly, breathing tube; battery/charger |
| 805820-06 | Proflow 3 system complete with Large Butyl Hood assembly, breathing tube; battery/charger |

| Proflow 3 Powered Air Purifying Respirator Cartridges and Accessories | |
|---|---|
| Part Number | Description |
| 045170 | MPC40PF Cartridge |
| 045123 | Enforcement cartridge |
| 052683 | HEPA cartridge |
| 063748 | Proflow 3 battery pack; rechargeable, NiMH |
| 063791 | Charger for Proflow 2 & Proflow 3 (smart charger -single unit) |
| 805059-01 | 40mm connector for the AV2000 & AV 3000 & Scott-O-Vista facepieces (connects to mask and accommodates the Proflow 3 breathing tube) |
| 805370-02 | Proflow 3 breathing tube for ALL Scott PAPR face pieces ( includes but not limited to AV2000; AV3000; M110 and M120 & Scott-O-Vista face pieces ) |

Proflow 3 is also NIOSH approved with a loose-fitting Hoods.
Both the Proflow 2 and Proflow 3 as well as all Scott NIOSH Approved PAPR systems Meet NIOSH 42 CFR Part 84 Certification and as such can be procured with ODP Funds
NOTE: Powered air purifiers (PAPR) do not supply added oxygen, and can only be used in environments where a minimum of 19.5% oxygen is available. PAPRs should not be used in atmospheres that are, or may become Immediately Dangerous to Life and Health (IDLH).

# C420 PLUS PAPR

## POWERED AIR-PURIFYING PROTECTION FOR FIRST RESPONDERS

### NIOSH CBRN Approved — Meets Strict Mil-Spec Requirements

Scott's C420 Plus PAPR is NIOSH CBRN approved with the M120 facepiece and the Cap-1 canister and is ideal for fire departments, police and first responders for protection during CBRN related incidents. It is designed for use in extreme environments and meets rigid Mil-Spec requirements ensuring that the C420 Plus PAPR will not interfere with necessary communication systems.

- Engineered specifically for domestic preparedness, first responder and first receiver applications
- NIOSH CBRN approved with the Scott M120 gas mask
- Sleek, low profile design that is lightweight and comfortable
- 10-hour, extended duration lithium sulfur dioxide battery standard
- Long life, nickel metal hydride rechargeable battery available
- An array of cartridges available including HEPA, Enforcement and CBRN Cap-1

| C420 Plus PAPR Assembly | |
|---|---|
| Part Number | Description |
| 200710-30 | C420 Plus PAPR Kit (Blower, 30 inch breathing hose, decontamination belt, lithium sulfur dioxide battery, airflow indicator) |
| 200710-36 | C420 Plus PAPR Kit (Blower, 36 inch breathing hose, decontamination belt, lithium sulfur dioxide battery, airflow indicator) |
| 013013 | M120 CBRN Facepiece, Medium/Large |
| 013014 | M120 CBRN Facepiece, Small |
| 045135 | CBRN Cap-1 Canister |
| 200701-01 | NiMH Rechargeable Battery Conversion Kit, C420 Plus (Single Bank Charger, NiMH Battery, End Cap) |

NOTE: A CBRN approved C420 PAPR consists of a C420 Plus PAPR Kit, (1) M120 facepiece and (2) CBRN Cap-1 Canisters. These are ordered as separate components.

| C420 Plus PAPR Accessories and Spare Parts | |
|---|---|
| Part Number | Description |
| 805358-01 | Lithium Sulfur Dioxide (LiSO2) Battery Pack, 10-Year Shelf Life |
| 012798 | Spectacle Kit, M120 |
| 31001504 | NiMH Rechargeable Battery Pack |
| 31001506 | End Cap For NiMH Rechargeable Battery |
| 200703-01 | Battery Charger, Single Bank, C420 Plus |
| 200373-52F | 52mm Lens Kit — Frame Only (For Prescription) 60mm Also Available |
| 200373-52B | 52mm Lens Kit — Blue Metallized Surface Lens (MSL™), 60mm Also Available |
| 200373-52S | 52mm Lens Kit — Silver Metallized Surface Lens (MSL™), 60mm Also Available |
| 200373-52Y | 52mm Lens Kit — Yellow Metallized Surface Lens (MSL™), 60mm Also Available |
| 200373-52G | 52mm Lens Kit — Grey Metallized Surface Lens (MSL™), 60mm Also Available |

AIR-PURIFYING

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# AV-2000® CBRN RESPIRATOR

## DESIGNED FOR ADVANCED COMFORT AND IMPROVED FIT

### CBRN Respiratory Protection

Ideal solution for NIOSH, personal air-purifying protection for firefighters and first responders. The AV-2000 CBRN air purifying respirator utilizes the same Top-Down Convertible™ AV-2000 CBRN facepiece that is NIOSH approved for use on the NFPA 2007 edition Air-Pak® 75™ and Air-Pak® NxG7™ SCBA's, simplifying facepiece fit testing and inventories.

- Impact resistant, clear polycarbonate lens for added safety.
- Soft, flexible gray nosecup offers longer lasting comfort.
- CBRN approved 40mm quarter turn adapter.
- Low profile facepiece for better downward/peripheral vision.
- Built-in dual voicemitters improve communications.
- Adjustable, four-point Kevlar® head harness easily dons/doffs.
- CBRN approved Cap-1 canister with 7-year shelf life.

| AV-2000® CBRN Ordering Information | |
|---|---|
| Part Number | Description |
| 804191-71 | AV-2000 Small |
| 804191-72 | AV-2000 Large |
| 804191-72 | AV-2000 Large |
| 804191-74 | AV-2000 Comfort Seal |

| CBRN Approved Canister | |
|---|---|
| Part Number | Description |
| 045135 | CBRN CAP-1 Canister |

| CBRN Approved Adapter | |
|---|---|
| Part Number | Description |
| 200423-01 | 40mm CBRN Quarter Turn Adapter |

AIR-PURIFYING

# FACEPIECE ADAPTERS

## CONVERT YOUR FACEPIECE INTO AN AIR-PURIFYING RESPIRATOR

Scott provides a full line of adapters to accommodate specific respiratory needs. These adapters can all be used with the AV-2000® and AV-3000™ facepiece.

### Quarter Turn Adapter
• For use with 742 series twin cartridges
• Low profile, allowing for use of communications

### Chin Canister Adapter
• For use with all Scott chin canisters

### 40mm Adapter
• For use with Powered Air-Purifying products (PAPR's)
• Can also be used directly with 40mm MPC Plus cartridges, P100 Cartridges and Enforcement canisters

| Facepiece Adapter Ordering Information | |
|---|---|
| Part Number | Description |
| 805622-01 | Quarter Turn Adapter |
| 804058-01 | Chin Canister Adapter |
| 805059-01 | 40mm Adapter |

# FIRST RESPONDER CANISTERS

## CHEMICAL, BIOLOGICAL, RADIOLOGICAL & NUCLEAR PROTECTION

Designed to protect first responders and clandestine lab investigators in Non-IDLH conditions against nuclear particulates, toxic or biological particulates, as well as chemical vapors, gases and mists/aerosols and tear gas.

### Enforcement Cartridge, P100 and MPC Plus Cartridge
• Enforcement cartridge protects against NBC agents such as Sarin, DMMP, Cyanogen Chloride and Anthrax as well as Tear Gas, Phosphine, Chlorine and all particulate aerosols
• P100 cartridge is ideal for training purposes and protects against biological and radiological agents such as Anthrax and all particulate aerosols
• 40mm NATO threaded connection for gas masks
• Exceeds C2A1 Mil-Spec performance
• Easy open sealed packaging with canister plugs to eliminate offgassing on Enforcement cartridge
• 10-year shelf life
• For use with Scott's AV-2000 and AV-3000 full facepiece, powered air-purifying respirators and gas masks

| NBC Canister Ordering Information | |
|---|---|
| Part Number | Description |
| 045123 | Enforcement Cartridge |
| 052683 | P100 Cartridge |
| 805557-01 | MPC Plus Cartridge, 5yr. shelf life |

# XCEL HALF-FACEPIECE

## FOR ARSON INVESTIGATIONS AND SEARCH AND RESCUE

### Xcel Half-Facepiece
• Made of lightweight thermoplastic elastomer (TPE) material
• Soft, comfortable fit that doesn't interfere with goggles or glasses
• Easy to don and doff
• Head harness does not interfere with ear or eye protection
• Wide elastic bands provide comfortable one-point adjustment
• D clip is easy to fasten, even with gloved hands
• Easy breathing twin cartridges are out of line of vision
• Optional voicemitter for enhanced personal communication
• Available in 4 sizes

| Xcel Half-Facepiece Ordering Information | |
|---|---|
| Part Number | Description |
| 7421-111 | Assembly, Small |
| 7421-112 | Assembly, Small/Medium |
| 7421-113 | Assembly, Medium/Large |
| 7421-114 | Assembly, Large |

# 742 SERIES TWIN CARTRIDGES

## RESPIRATORY PROTECTION FOR NON-IDLH HAZMAT SITUATIONS

### 742 Cartridges
• For use on Xcel Half-Mask and all Scott full facepieces
• Full range of NIOSH 42 CFR Part 84 approved filters, chemical cartridges for gas/vapor and combination particulate/gas/vapor cartridges
• Only NIOSH approved dual cartridge system for use against tear gas when used with Scott full facepieces
• Multi-Purpose cartridge protects against multi-hazard vapors and gases allowing freedom to move within areas with multiple exposure hazards
• Quarter turn adapter for full facepieces is low profile allowing for use of communications (see page 29)
• Provides effective respiratory protection in Non-IDLH and Non-$O_2$ deficient applications

| Ordering Information For: | 742 Series Cartridges | 742 Series PLUS Cartridges |
|---|---|---|
| Description | Part Number Packaged By The Pair | Part Number Packaged By The Pair |
| Acid Gas | 7422-WA1 | 7422-WC1 |
| Acid Gas with P100 | 7422-WB1 | 7422-WD1 |
| Ammonia/Methylamine | 7422-GA1 | 7422-GC1 |
| Ammonia/Methylamine with P100 | 7422-GB1 | 7422-GD1 |
| Formaldehyde | 7422-IA1 | N/A |
| Formaldehyde with P100 | 7422-IB1 | N/A |
| Organic Vapor | 7422-BA1 | 7422-BC1 |
| Organic Vapor with P100 | 7422-BB1 | 7422-BD1 |
| Organic Vapor/Acid Gas | 7422-YC1 | N/A |
| Organic Vapor/Acid Gas with P100 | 7422-YD1 | N/A |
| Mercury Vapor/Chlorine (with End-of-Service Life Indicator) | 7422-ZA1 | N/A |
| Mercury Vapor/Chlorine with P100 (with End-of-Service Life Indicator) | 7422-ZB1 | N/A |
| Multi-purpose | 7422-SC1 | N/A |
| Multi-purpose with P100 | 7422-SD1 | N/A |
| Multi-purpose with P100 and Tear Gas | 7422-CD1 | N/A |
| P100 Filter | 7422-FP1 | N/A |
| Triethylenediamine (TEDA) with P100 | 7422-PD1 | N/A |

www.ScottSureLife.com

**SureLife**™
*Cartridge Calculator*

# FIT-TESTING EQUIPMENT

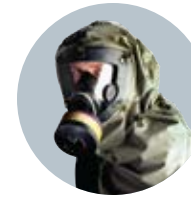## FOR QUANTITATIVE FIT-TESTING

### Probed Fit Test Adapters

• Scott's probed adapter assemblies permit quantitative fit-testing with all Scott full facepieces half-facepieces
• Allow individuals to be fit-tested with their own facepiece
• Simplify annual fit-testing
• Cost-effective solution to regulations which require fit-testing of all tight-fitting facepieces
• Simple and easy to use
• Ideal personal hygiene solution for full facepiece testing
• Test users in their own facepiece
• Compatible with TSI® Portacount® Plus

| Fit-Test Adapter Ordering Information | |
| --- | --- |
| Part Number | Description |
| 803930-01 | Twin Cartridge Probed Adapter Kit (includes 1pr 642 P100 Filters) |
| 803930-02 | 40mm Cartridge Probed Adapter Kit (includes 1pr 40mm P100 Filters) |
| 7422-FT1 | Quantitative Fit Test Adapter Kit for Xcel, Pro Mask 25 |
| 805627-01 | Quantitative Fit Test Adapter Kit, V-Bar |
| 805628-01 | Quantitative Fit Test Adapter Kit, 40mm Adapter |
| 805629-01 | Quantitative Fit Test Adapter Kit, Chin Adapter |
| 805630-01 | Fit Test Replacement Kit |

# BITREX® FIT TEST KIT

## COMPLETE QUALITATIVE FIT TESTING SYSTEM

### Bitrex® Qualitative Fit Test Kit

• Simple and Easy to Perform
• Ensures Proper Respirator Fit
• Uses Harmless Bitrex Solution
• Ideal for Tight Fitting Half and Full Facepieces
• Meets All Performance Criteria for Current OSHA Standards

| Bitrex Ordering Information | |
| --- | --- |
| Part Number | Description |
| 2017070 | Bitrex Qualitative Fit Test Kit (Complete) |

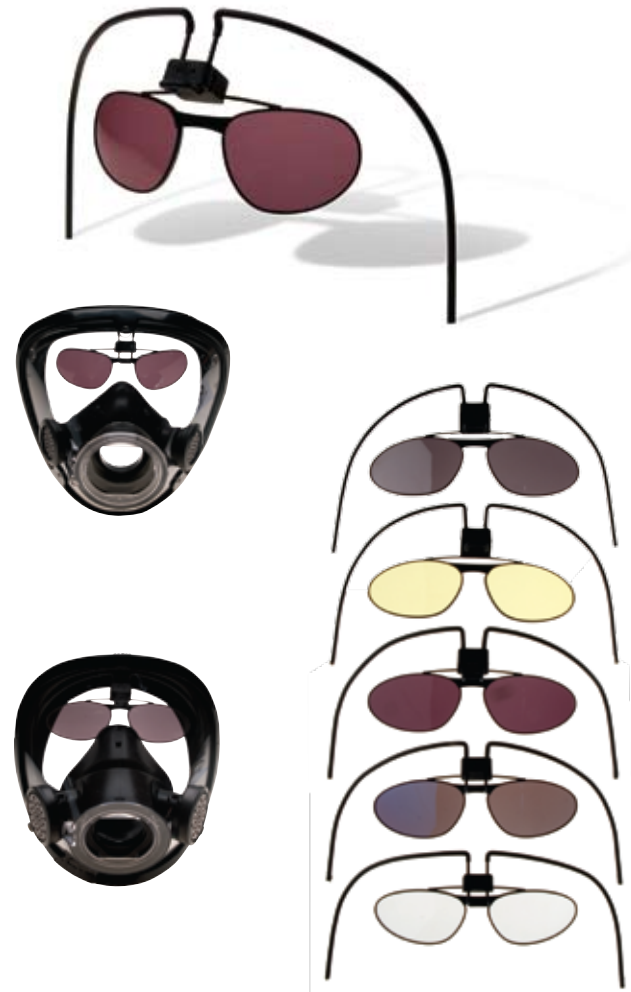| Spares | |
| --- | --- |
| Part Number | Description |
| 2017093 | Fit Test Solution Applicator Kit (6 ampoules/box) |
| 2017092 | Sensitivity Solution Applicator Kit (6 ampoules/box) |
| 2017094 | Nebulizer |
| 2017095 | Test Hood |

**AIR-PURIFYING**

# FACEPIECE ACCESSORIES

## TO USE WITH SCOTT FULL FACEPIECES

Scott provides a wide range of Full Facepiece accessories. All are designed to be used with our complete full line of full facepieces. All Scott Full Facepieces may be equipped with a range of options and accessories including:

### AV/NBC Shroud
NIOSH-Approved protective hoods for AV-2000® and AV-3000™ facepieces are designed to military standards and specifications and are resistant to CBRN agents tear gases, vapors, liquid sprays and particles.

### Facepiece Neck Strap
Holds the facepiece for convenient easy retrieval when wearing an SCBA. The facepiece strap is constructed with the same materials as Scott Air-Pak® SCBA harnesses and is designed to adjust for a comfortable fit.

### Facepiece Bag
Durable and washable polyester fleece bag, with spring loaded clamp and drawstring, offers protective stowing for facepiece and quick connect mask mounted regulator.

### Spectacle Kit
Designed to retain your prescription lens, this device features a flexible suspension system that ensures you a comfortable fit.

### Wescodyne® Plus
A pre-measured concentrate iodine-based solution that when properly diluted per the manufacturers instructions cleans and disinfects after 10 minutes on contact. Convenient spray-on applicator makes disinfecting all of our Scott® facepieces, adapters and regulators quick and safe. This E.P.A. registered cleaner kills 100% of all test microorganisms.

### Rubber Head Harness
Blended-rubber 4-point adjustment head harness provides excellent fit. The head harness can be installed onto the AV-2000 facepiece and provides for easy decontamination.

| Facepiece Accessories | |
| --- | --- |
| Part Number | Description |
| 805514-01 | AV/NBC Shroud Protective Hood Only |
| 805289-04 | AV/NBC Shroud Protective Hood w/ Installation Kit |
| 200078-08 | AV/NBC Shroud Installed on AV-2000, Kevlar® Harness with Comfort Seal™ |
| 200078-28 | AV/NBC Shroud Installed on AV-2000, Rubber Harness with Comfort Seal |
| 31000558 | AV3000 Shroud |
| 10011011 | Nosecup, Small, AV-3000 Facepiece |
| 10011012 | Nosecup, Medium, AV-3000 Facepiece |
| 10011013 | Nosecup, Large, AV-3000 Facepiece |
| 10012218 | Nosecup, X-Large, AV-3000 Facepiece |
| 804442-01 | Spectacle Kit for AV-2000 Facepiece |
| 805753-01 | Spectacle Kit, AV-3000 Facepiece |
| 805787-01 | Communication Bracket, AV-3000 Facepiece |
| 805259-01 | 4-Point Rubber Head Harness Kit |
| 804088-01 | Kevlar Facepiece Neck Strap |
| 805534-01 | Facepiece Bag |
| 10011882 | Tactical Facepiece Bag |
| 10012151 | Shoulder Strap for Tactical Facepiece Bag |
| 10012152 | Leg Strap for Tactical Facepiece Bag |
| 31001876 | Wescodyne Plus 6 x 16 Ounce Bottle with Spray Attachment |
| 31001875 | Wescodyne Plus 4 x 1 Gallon Bottle with Spray Attachment |

**ACCESSORIES**

# FACEPIECE LENS KIT

## ENHANCED VISION UNDER FIRE

### Lens Kit for AV-2000®/AV-3000™ Facepieces

• Facepiece Lens Kits are the latest innovation in custom eyewear
• Custom designed for ensuring a secure, comfortable fit
• Two sleek designs, easy to install and provide a large field of view
• A choice of four lens options, designed for specific tasks, assure better vision on the fireground (Blue Mirrored, Silver Mirrored, Yellow Tint, Gray Tint)
• Lens Kit frames are also available prescription ready
• Relieves eye strain and improves visibility in bright sunlight

| For Use With AV-2000® or Scott-O-Vista Facepieces | |
| --- | --- |
| Part Number | Description |
| 200371-52F | 52mm Lens Kit - Frame Only (for prescription) |
| 200371-60F | 60mm Lens Kit - Frame Only (for prescription) |
| 200371-52B | 52mm Lens Kit - MSL™ Metallized Surface Lenses (Blue Lens) |
| 200371-60B | 60mm Lens Kit - MSL™ Metallized Surface Lenses (Blue Lens) |
| 200371-52S | 52mm Lens Kit - MSL™ Metallized Surface Lenses (Silver Lens) |
| 200371-60S | 60mm Lens Kit - MSL™ Metallized Surface Lenses (Silver Lens) |
| 200371-52Y | 52mm Lens Kit - SmokeSight XT™ (Yellow Lens) |
| 200371-60Y | 60mm Lens Kit - SmokeSight XT™ (Yellow Lens) |
| 200371-52G | 52mm Lens Kit - TCR™ True Color Reception Lenses (Grey) |
| 200371-60G | 60mm Lens Kit - TCR™ True Color Reception Lenses (Grey) |

| For Use With AV-3000™ Facepiece | |
| --- | --- |
| Part Number | Description |
| 200372-52F | 52mm Lens Kit - Frame Only (for prescription) |
| 200372-60F | 60mm Lens Kit - Frame Only (for prescription) |
| 200372-52B | 52mm Lens Kit - MSL™ Metallized Surface Lenses (Blue Lens) |
| 200372-60B | 60mm Lens Kit - MSL™ Metallized Surface Lenses (Blue Lens) |
| 200372-52S | 52mm Lens Kit - MSL™ Metallized Surface Lenses (Silver Lens) |
| 200372-60S | 60mm Lens Kit - MSL™ Metallized Surface Lenses (Silver Lens) |
| 200372-52Y | 52mm Lens Kit - SmokeSight XT™ (Yellow Lens) |
| 200372-60Y | 60mm Lens Kit - SmokeSight XT™ (Yellow Lens) |
| 200372-52G | 52mm Lens Kit - TCR™ True Color Reception Lenses (Grey) |
| 200372-60G | 60mm Lens Kit - TCR™ True Color Reception Lenses (Grey) |

# MINI-SA® PERSONAL GAS MONITOR

## DESIGNED WITH THE FIREFIGHTER IN MIND

### Mini-SA Single Gas Personal Monitor

• Three alarm types: audible, visual, vibrating
• Provides dependable, compact, lightweight, easy-to-use gas detection
• Designed to meet the challenging requirements of the most abusive environments
• Housed in a rugged ABS case
• Incorporates the largest backlit digital display available in a single function instrument; extremely valuable to an initial responder of toxic alarms

| Mini-SA Ordering Information | |
| --- | --- |
| Part Number | Description |
| 40014772 | Mini-SA Oxygen |
| 40015179 | Mini-SA Carbon Monoxide |
| 096-2891 | Mini-SA Hydrogen Cyanide |

Other available toxic sensors include: Nitrogen Dioxide, Hydrogen Cyanide, Hydrogen Sulfide, Carbon Monoxide, Chlorine Dioxide, Sulfur Dioxide, Phosphine, Chlorine, and Oxygen

# PROTON® & PROTON® ZM

## SINGLE GAS MONITORS

### Proton Single Gas Monitor

• Simple "one button" operation and instant alerts for quick response
• Large, easy-to-read continuous digital display of gas concentrations
• Displays high, low, TWA and STEL alarms
• Three alarm types: audible, vibrating, and visual
• Durable, highly impact-resistant, carbon-loaded ABS housing
• Lightweight, ultra-compact with stainless-steel alligator clip installed
• Compatible Bump Test Station (CO/H₂S/SO₂ Only)
• Replaceable battery and sensor
• Comparably priced to disposable detectors
• User-adjustable alarm set points

| Proton Single Gas Monitor and Replacement Sensors | | | |
| --- | --- | --- | --- |
| Gas | Sensor Range PPM | Part Number | Replacement Sensors |
| Carbon Monoxide | 0-500 | 093-0416 | 093-0406 |
| Hydrogen Cyanide | 0-100 | 093-0420 | 093-0409 |
| Hydrogen Sulfide | 0-100 | 093-0421 | 093-0410 |
| Oxygen | 0-30% | 093-0424 | 093-0412 |

### Proton ZM Single Gas Monitor

• Two year zero maintenance operation
• "TEST" indication clearly indicates when bump testing is due
• "One button" operation and instant alerts for quick response
• 3 alarm types: audible, vibrating, and visual
• Durable, highly impact-resistant, carbon-loaded ABS housing
• Lightweight, ultra-compact with stainless-steel alligator clip
• Compatible Bump Test Station

| Proton and Proton ZM Bump Test Station | |
| --- | --- |
| Part Number | Description |
| 093-0404 | Bump Test Station (does not include test gas) |

| Proton ZM Single Gas Monitor | | | |
| --- | --- | --- | --- |
| Gas | Alarm Set Points | | Part Number |
| Hydrogen Sulfide (H2S) | 10 Low | 15 High | 093-0402 |
| Carbon Monoxide (CO) | 35 Low | 200 High | 093-0403 |

# PROTÉGÉ™

## PORTABLE MULTI-GAS MONITOR



Shown At Actual Size

### The Difference Is In The Details

As with all our gas detection instruments, the Protégé multi-gas monitor is simple to use and incredibly durable, giving firefighters the confidence to focus on the task at hand. The Protégé monitor is the first portable gas monitor to be UL 913 7th edition certified. Protégé monitor meets all major global regulatory requirements, and provides superior performance across a variety of applications and facilitates, helping to ensure worker safety. The small, lightweight (7.5 oz) and ergonomic design of the Protégé monitor makes it comfortable in the palm of the smallest hand, with or without the pump. An intuitive user interface and simple two-button operation make calibration and basic operation virtually thought-free. Protégé software, compatible with Windows®, gives administrators the ability to quickly adjust monitor configurations. Its robust construction survives drops while being dust-tight and immersion-resistant.

### An Array Of Components And Accessories

• AC power adapter
• 12-volt car charger
• Optional slip-on pump with:
  12-inch probe,
  10-foot tubing
• Protégé Multi-charger
• Protégé Masterdock

CD-based configuration software, quick user guide, owner's manual and interactive user training

Protégé Software enables custom configurations

• Alarm set points
• Backlight timer
• Calibration due dates
• No push-button navigation
• No unauthorized changes
• Log archiving in simple Excel® format
• For Windows 2000, XP, Vista®

### Protégé Monitor Kits

| Part Number | Description |
|---|---|
| PRO-112212 | $O_2$/LEL/CO/$H_2$S Gas Monitor Kit |
| PRO-212212 | $O_2$/LEL/CO Gas Monitor Kit |
| PRO-312212 | $O_2$/LEL/$H_2$S Gas Monitor Kit |
| PRO-412212 | $O_2$/LEL Gas Monitor Kit |
| PRO-512212 | LEL Gas Monitor Kit |

NOTE: Includes gas monitor, charger, torx tool, manual, CD with PC software, USB cable and calibration adapter.

### Confined Space Kits

| Part Number | Description |
|---|---|
| PRO-111111 | $O_2$/LEL/CO/$H_2$S Confined Space Kit |
| PRO-211111 | $O_2$/LEL/CO Confined Space Kit |
| PRO-311111 | $O_2$/LEL/$H_2$S Confined Space Kit |
| PRO-411111 | $O_2$/LEL Confined Space Kit |

NOTE: Includes all the items above, plus pump, probe, tubing and calibration kit in a foam lined carrying case.

### Protégé Monitor Accessories

| Part Number | Description |
|---|---|
| 093-0526 | Masterdock—automated bump test and calibration station, ACAC or battery powered.† |
| 096-3271 | Pump Kit (Pump, Probe, Tubing) |
| 096-3283-1 | Six Unit Multi-Charger US |
| 096-3283-2 | Six Unit Multi-Charger UK, Hong Kong & Singapore |
| 096-3283-3 | Six Unit Multi-Charger Europe & South America |
| 096-3283-4 | Six Unit Multi-Charger Asia & Australia |

NOTE: † Utilizes 103L 6D or 58L 8AL or 34L 2AL cylinder.

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# SCOUT

## FASTEST RESPONSE FOR CONFINED SPACE RESCUE

### Scout Multi-Gas Portable Monitor
• Unique ergonomic design acts as an engineered housing
• Optimizes speed of response to hazardous gas
• No internal tubing
• Advanced battery management technology
• Three standard alkaline "C" cells provides up to 50 hours runtime
• Detects five toxic gases simultaneously
• Micro-pump maximizes ease-of-use and minimizes downtime
• Switches from diffusion to sample draw mode on-the-fly
• Sensor end-of-life indication
• Programmable calibration reminders
• Wireless charging
• Auto-ranges from %LEL-to-%v/v
• Data logging
• Longest run time of any portable monitor available
• Optional plug-in 10.6 PID sensor for detection of VOC



Monitor up to five atmospheric hazards simultaneously including oxygen concentration, combustible gases, VOC's and a wide selection of nine electrochemical toxic sensors, including Carbon Monoxide, Hydrogen Sulfide, Hydrogen Cyanide, Nitrogen Dioxide, Nitric Oxide, Phosphine, and Sulfur Dioxide

All Scouts include data logging, quick users guide, instruction manual, leather boot and shoulder strap.

### Scout Ordering Information

| Part Number | Description |
|---|---|
| **Scout Multi-Gas Monitor** | |
| 096-2561-60 | Black Scout Stealth with O2/LEL/CO/H2S sensors, internal pump, probe, 10' tubing, alkaline battery |
| 096-2561-61 | Black Scout Stealth with O2/LEL/CO/H2S sensors, internal pump, probe, 10' tubing, alkaline battery, foam lined hard case, calibration kit |
| 096-2561-18 | Plated Scout with O2/LEL/CO/H2S sensors, internal pump, probe, 10' tubing, rechargeable Li-Ion battery with charger |
| 096-2561-09 | Plated Scout with O2/LEL/CO/H2S sensors, internal pump, probe, 10' tubing, rechargeable Li-Ion battery with charger, foam lined hard case, and calibration kit |
| **Scout Multi-Gas Monitor (Equipped with PID)** | |
| 096-2561-68 | Plated Scout with O2/LEL/CO/H2S/PID sensors, internal pump, probe, 10' tubing, alkaline battery |
| 096-2561-69 | Plated Scout with O2/LEL/CO/H2S/PID sensors, internal pump, probe, 10' tubing, alkaline battery, foam lined hard case, calibration kit |
| 096-2561-72 | Plated Scout with O2/LEL/CO/H2S/PID sensors, internal pump, probe, 10' tubing, rechargeable Li-Ion battery with charger |
| 096-2561-73 | Plated Scout with O2/LEL/CO/H2S/PID sensors, internal pump, probe, 10' tubing, rechargeable Li-Ion battery w/ charger, foam lined hard case, calibration kit |

INSTRUMENTS

INSTRUMENTS