

AIR-PAK® 50i™ SCBA

CUTTING EDGE PROTECTION FOR INDUSTRIAL APPLICATIONS



SCOTT
HEALTH & SAFETY



AIR-PAK® 50i™ SCBA

HIGH PERFORMANCE PROTECTION YOU CAN

Technology Plus . . .

Leading edge technology and reliable, time-tested performance are just two of the many reasons Scott is #1. With Scott Health & Safety products, you are purchasing a rich heritage of experience and field-testing. You are buying the application of unsurpassed engineering, quality manufacturing and the industry's very best training. And, you are investing in a product backed by superior after-the-sale customer service and technical support. In short, you are buying everything it takes to guarantee your complete satisfaction.

Top-Down Convertibility™

Every Scott respirator and communication product is fully interchangeable with either of Scott's AV-3000™ or AV-2000® Facepieces. This design commitment expands the applications of our products and extends their useful life. Should your needs change over time, the Scott Air-Pak 50i SCBA is designed to be easily upgraded. Top-Down Convertibility simplifies training and assures that Scott SCBA products are versatile, easy to use, and remarkably cost effective.

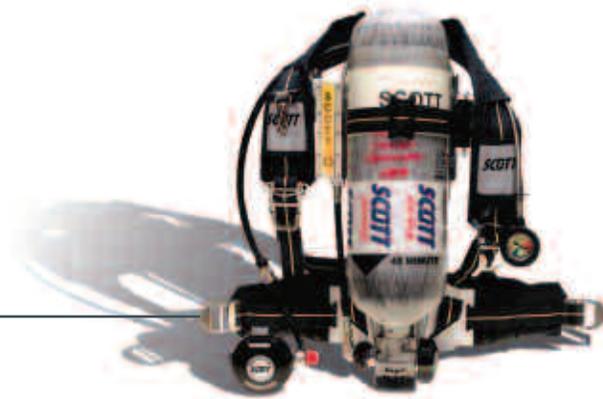
Choose the Leader

What makes Scott #1? State-of-the-art technology; unsurpassed engineering; reliable, time-tested performance; more innovative options, Top-Down Convertibility; cost effective versatility; superior training and technical support; and, guaranteed customer satisfaction. This is why, when you choose an SCBA partner, you should look to the leader – Scott Health & Safety.

Continuing a Proud Tradition

The Air-Pak 50i has earned the confidence of SCBA users with its record of reliable performance and rugged dependability. Scott is committed to continuing the innovative technological leadership, which has forged that tradition. The Air-Pak 50i is an SCBA developed with extensive input from fire and industrial users. Based on their recommendations, the Air-Pak 50i SCBA offers enhanced design features built around proven Scott performance characteristics. The Air-Pak 50i SCBA continues the time-tested operating systems, which have given users the easy breathing SCBA performance they have learned to rely on time and time again for dependable respiratory protection.

COUNT ON



BREATHE EASIER WITH THE E-Z FLO® REGULATOR

Scott pioneered the E-Z Flo regulator with a pressure-demand system that out-performed all other SCBA regulators in performance and simplicity. While maintaining a slightly positive pressure in the facepiece, the E-Z Flo delivers as much as 160 LPM. It is capable of a peak flow of 500 LPM. This superior performance is based on a design that significantly reduces inhalation and exhalation resistance to minimize user fatigue.

Easy to Breathe

The Scott breathing circuit responds rapidly and efficiently to the user's demand for air, making it easier to breathe, especially during periods of peak physical activity. From first-breath activation, Scott offers an SCBA with outstanding breathing performance and exceptional airflow.

Ready, Set, Breathe

An air-saver switch, angled for easy operation with a gloved hand, stops the free flow of air during donning and doffing. This gives the user the advantage of placing the SCBA in a stand-by mode with an activated cylinder. That means the user can be suited up and ready for action without spending cylinder air.

The regulator's quick-don mounting system has a 20-year track record of proven performance. A quick quarter turn of the regulator ensures a positive-locking mount that prevents it from being accidentally knocked loose. This easy breathing regulator automatically activates the flow of air with the user's first breath. Air entering the facepiece is directed over the lens to prevent fogging.

Designed for the E-Z Flo®-style regulator, a regulator holder is mounted on the left side of the user's belt. This regulator holder comes standard on all Air-Pak 50i SCBA's.

Cylinder Options

The Air-Pak 50i SCBA is available in 2216, 3000 or 4500 psi models. Choose from the latest in cylinder materials including carbon fiber, the lightest cylinder available, and aluminum. Cylinders are available in 30-, 45- or 60-minute rated duration.



SAFETY AND PERFORM

JUST WHAT YOU WOULD EXPECT FROM THE

Lightweight and Comfortable

Industrial work requiring SCBA protection is intense, physically demanding work. That's why Scott offers a lightweight SCBA package promoting comfort and user-friendly convenience. It's an idea that was born, and continues to be refined, by responding to the needs of Scott users.

Freedom of Movement, Reduced Fatigue

Marked by its streamlined backframe, the Air-Pak 50i SCBA provides a comfortable fit to support users performing physically demanding work assignments. Whether the SCBA user is outfitted in industrial protective clothing, PPE, or a fully-encapsulated suit, the backframe promotes greater freedom of movement and reduces fatigue.

The one-piece backframe is constructed of a lightweight, time-tested, durable aluminum alloy. It follows the back's contour and places the bulk of the SCBA's weight on the hips, where padded wrap-around wings provide comfortable support. Wide-bodied pads further distribute weight along the shoulders and hips. Harness-mounted, retro-reflective front patches enhance night-time visibility of the user.

Faster, Easier Cylinder Changes

A double-locking latch and durable Kevlar® fabric band allows for quick and efficient cylinder changes. Simple adjustment of a cam-over-center slide permits the accommodation of 30-, 45- or 60-minute duration cylinders.

Quick Take-up and Quick Release

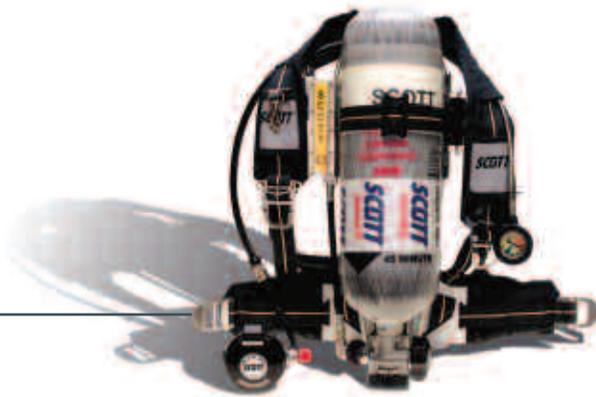
Parachute-style harness fasteners permit smooth, efficient adjustment. While securely retaining the shoulder straps, the fasteners minimize harness wear and tear, even with frequent use. Quick doffing is assured because the over-sized fasteners are easily manipulated with gloved hands. A one-finger release disengages the waist belt buckle.

End of Service Indicator

The Scott Air-Pak 50i SCBA features an innovative end-of-service indicator, the Scott Vibralert®. In addition to being an audible alarm, this unique device also warns the user of loss of primary pressure by gentle vibration of the facepiece. This tactile alarm is personal and minimizes the chance the users' alarm will go unnoticed or be confused with another SCBA users' alarm.

ANCE

LEADER IN SCBA'S



Optional Integrated PASS

Representing a dramatic breakthrough in personal protection, Pak-Alert SE+® integrated PASS device is a powerful safety tool offering redundant audible and visual alarms. Designed to assist in locating incapacitated or trapped SCBA users, the Pak-Alert SE is the first distress alarm featuring automatic activation as soon as the cylinder valve is opened. An option for the Air-Pak SCBA, Pak-Alert's sensor and alarms are powered independently by battery. Pak-Alert alarms include flashing red LED and twin audible sounders. The audible alarms are located between the cylinder and backframe to prevent inadvertent muffling should a user become pinned down. A hands-free reset minimizes distracting false alarms. Moreover, this essential safety device also alerts others when an SBCA user is incapacitated.

Optional Dual EBSS/Extended Duration Airline

The Air-Pak 50i SCBA can be equipped with a dual EBSS/airline connection. This option provides the wearer the ability to connect to another user without having to disconnect the regulator supply hose. It also allows the wearer to be connected to a remote air source which may be up to 300 feet away. Simply put, one hose, two options for air.

To promote maximum user benefit, the Air-Pak 50i SCBA is designed to be upgraded should the user's requirements change. In addition, it may be equipped with a range of options and a full line of accessories.

Best Warranty in the Industry

As the industry leader in performance, safety and reliability, the Air-Pak 50i SCBA is backed by the strongest warranty available anywhere. The Scott Air-Pak 50i SCBA is covered "bumper-to-bumper" for a full 8 years, plus a full 15 years on the pressure reducer assembly. Simply put, there is no stronger warranty in the business!

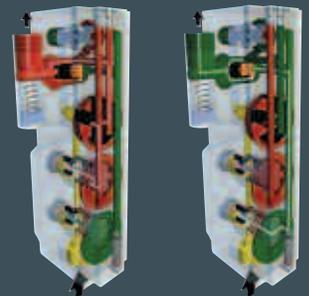
Lowest Overall Ownership Cost

The initial purchase price of an SCBA is only part of your overall cost of ownership. Other costs to consider include ongoing maintenance, warranty and service. We call these life cycle costs. A recent analysis completed by the U.S. Government revealed the Scott Air-Pak SCBA had the lowest life cycle cost of any SCBA reviewed.



SCOTT'S UNIQUE PRESSURE REDUCER

Unlike all other SCBA, Scott actually provides two pressure reducers in one. Situated in a compact housing, the pressure reducers are interconnected through an automatic transfer valve. A reduction in primary pressure for whatever reason would trigger an automatic transfer to the secondary circuit. This could occur, for example, by dirt accidentally entering the air circuit during a cylinder change. The user would be alerted to the transfer by the Vibralert alarm. This would enable the user to focus attention on safely exiting the hazardous area. At the same time, an uninterrupted supply of air would be provided through the secondary circuit.



Back-up safety features include a dual path pressure reducer that ensures a constant flow of air.

THE TOTAL SOLUTION

FOR ALL YOUR RESPIRATORY NEEDS



The Air-Pak SCBA

The Air-Pak SCBA family of products incorporates a platform design approach, which allows for a dramatic increase in versatility and compatibility with the entire Scott product line. This design concept helps those employees 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-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.

OPTIONS AND ACCESSORIES

UPGRADE YOUR AIR-PAK® 50i™ SCBA TO SUIT YOUR REQUIREMENTS



Buddy-Breathing system

A combined dual EBSS/Airline option affords users mobility while not exposing the recipient or donor to ambient air. Users can also connect to an external air source for extended durations.



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.



Facepiece Neck Strap

Holds the facepiece for convenient easy retrieval when wearing an SCBA. The strap is constructed with the same materials as the Air-Pak 50i SCBA harness and is designed to adjust for a comfortable fit.



Air-Pak SCBA Cases

Choose from a soft canvas carrying case, constructed of heavyweight nylon or a black molded poly-ethylene hard case.



Eyeglass holder

Designed to retain your prescription lens, this device features a flexible suspension system to ensure a comfortable fit to the user's face.



Personal Issue Regulators

These feature a quick-connect coupling on the regulator supply line for easy changeout.



Walk-away Wall Bracket

A simple, inexpensive means of mounting the Air-Pak SCBA on a wall, this bracket provides a secure method of holding the respirator for quick donning in emergency situations.



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.

ORDERING INFORMATION

FOR AIR-PAK® 50i™ SCBA'S AND ACCESSORIES

2.2 Air-Pak 50i™ SCBA*

Part Number	Standard Unit	Quick Connect Regulator	Case
200470-01N	X		X
200470-02N	X		
200470-03N		X	X
200470-04N		X	

3.0 Air-Pak 50i™ SCBA*

Part Number	Standard Unit	Quick Connect Regulator	Case
200471-01N	X		X
200471-02N	X		
200471-03N		X	X
200471-04N		X	

4.5 Air-Pak 50i™ SCBA*

Part Number	Standard Unit	Quick Connect Regulator	Case
200472-01N	X		X
200472-02N	X		
200472-03N		X	X
200472-04N		X	

* Standard Harness / Less Cylinder / Less Facepiece / E-Z Flo® Regulator

Cylinder & Valve Assembly Ordering Information

Part Number	Description*	Weight** (lbs.)	Weight** (kgs.)
804101-01	2216 psig, 30 min. Aluminum Cylinder	21.5	9.8
804840-01	2216 psig, 30 min. Carbon Cylinder	10.7	4.99
805044-01	3000 psig, 30 min. Carbon Cylinder	13.25	6.0
804721-01	4500 psig, 30 min. Carbon Cylinder	9.9	4.50
804722-01	4500 psig, 45 min. Carbon Cylinder	14.1	6.40
804723-01	4500 psig, 60 min. Carbon Cylinder	17.1	7.80

* Composite Carbon Full-wrap Cylinders have an aluminum alloy inner shell

** Nominal weight of charged cylinder to specified pressure

WARNING: This respirator is intended to be used only in conjunction with an organized respiratory protection program. Selection of a respirator must take into account all hazards associated with its intended use. Improper selection or improper use of this respirator may result in injury or death.

Air-Pak 50i™ SCBA Accessories

Part Number	Description
10009324	Soft Canvas Carrying Case
804497-01	Black Molded Polyethylene Hard Carrying Case (Can be ordered as part of SCBA)
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
27537-01	Extended Duration Airline, Hansen
27537-02	Extended Duration Airline, Schrader
27537-03	Extended Duration Airline, Hansen HK
804370-02	Personal Issue Regulator, E-Z Flo®
200170-02	Duel EBSS Kit
805796-01	Pak-Alert® SE+ Kit
805796-02	Pak-Alert SE+ Factory Installed

Facepiece Options & Accessories

Part Number	Description
804191-01	AV-2000® Facepiece, Small, EPDM Rubber, Kevlar® Head Harness
804191-02	AV-2000 Facepiece, Large, EPDM Rubber, Kevlar Head Harness
804191-03	AV-2000 Facepiece, X-Large, EPDM Rubber, Kevlar Head Harness
804191-08	AV-2000 Facepiece, Comfort Seal®, EPDM Rubber, Kevlar Head Harness
805773-01	AV-3000® Facepiece, Small Faceseal / Small Nosecup, Kevlar® Head Harness
805773-02	AV-3000 Facepiece, Medium Faceseal / Medium Nosecup, Kevlar Head Harness
805773-03	AV-3000 Facepiece, Large Faceseal / Large Nosecup, Kevlar Head Harness
804442-01	Spectacle Kit, AV-2000 Facepiece
805753-01	Spectacle Kit, AV-3000 Facepiece
804088-01	Kevlar Facepiece Neck Strap
805534-01	Facepiece Bag, AV-2000 / AV-3000 Facepieces

Air-Pak® 50i™ SCBA Approvals

- NIOSH approved
- TC13F-80 30 min 2216 psig
- TC13F-366 30 min 3000 psig
- TC13F-76 30 min 4500 psig
- TC13F-212 45 min 4500 psig
- TC13F-96 60 min 4500 psig