

Scott Health & Safety

SWAT-PAK™ SCBA

Questions & Answers

About Scott's New
SWAT-PAK SCBA



Q: What is the Scott *SWAT-PAK*™ SCBA?

A: The Scott *SWAT-PAK* SCBA is a self contained breathing apparatus that was designed exclusively for police departments, law enforcement personnel and security specialists. This unique product is black and made for those scenarios which require a Special Weapons and Tactics (SWAT) team or law enforcement personnel to operate in the stealth mode. It combines Scott's proven performance and safety systems with enhanced user comfort as well as optional accessories to meet the daily demands of Scott product users.

Q: How was the Scott *SWAT-PAK* SCBA developed?

A: After several evolutions at the Phoenix firing range, Scott developed and designed the *SWAT-PAK* SCBA for the Phoenix SWAT team. The *SWAT-PAK* SCBA incorporates an all black design that includes the following unique items: black hardware, black nomex® facepiece shroud, black mask mounted regulator, black nomex cylinder bag that covers the cylinder, black padding (both shoulder and hip), several cross hatched areas on the shoulder straps for attaching various law enforcement tools and a 6 feet extended EBSS (buddy breathing system) hose housed in an all black nomex pouch.

Q: Why would a law enforcement agency be interested in the Scott *SWAT-PAK* SCBA instead of using a regular SCBA?

A: The Scott *SWAT-PAK* SCBA does not incorporate those items which fire departments demand but which could be considered a nuisance in a high risk scenario that law enforcement officials face on a daily basis. These items include flashing, ringing or whistling low air alarms, reflective labeling, reflective or bright colored fabrics on both the SCBA harness and facepiece and shiny SCBA hardware. As you can see, the items listed above would be considered a major hazard for stealth operations.

Q: How do you describe the Scott *SWAT-PAK* SCBA?

A: The Scott *SWAT-PAK* SCBA features a one-piece backframe and streamlined harness system. The backframe design houses the same performance systems fire personnel have found valuable assets over the last 25 years. These performance systems include the E-Z Flo® regulator, AV-2000® facepiece, Virbalert® system, lightweight cylinder selections and Scott's unique pressure reducer.

Q: What are the advantages of Scott's *SWAT-PAK* SCBA compared to other SCBA systems on the market?

A: The Scott *SWAT-PAK* SCBA is a hybrid of lifesaving features that are valued by both law enforcement agencies and fire departments worldwide. It is the first SCBA that incorporates the features listed above while giving users the confidence that they are utilizing the lightest weight, most comfortable, easiest to breathe, easiest identifiable low air alarm and safest SCBA on the market.

Q: What makes the Scott *SWAT-PAK* SCBA the safest SCBA on the market?

A: The Scott *SWAT-PAK* SCBA incorporates two of the safest line-of-fire proven features ever offered on a SCBA. (1) The Vibralert low air alarm gently vibrates the facepiece for identification in high noise environments while also issuing a low audible alarm. This unique feature also does not expel any air to ambient, thus giving the user the opportunity to breathe the alarm air. (2) The dual redundant reducer is the only pressure reducer that incorporates a second independently operating piston that can alert the user of both low air and primary failure or bypass mode. This feature was designed for and utilized by NASA, the originators of many a redundant system.

Q: How much does the Scott *SWAT-PAK* SCBA with one hour cylinder weigh?

A: The weight of the Scott *SWAT-PAK* SCBA is less than 27 lbs. Exact weight is dependent upon accessory devices.



Q: Does the Scott *SWAT-PAK*[™] SCBA meet NIOSH standards?

A: Yes. The Scott *SWAT-PAK* SCBA is NIOSH approved.

Q: Does the Scott *SWAT-PAK* SCBA meet NFPA standards?

A: No. The Scott *SWAT-PAK* SCBA does not meet NFPA standards because during development the Phoenix SWAT team did not want redundant flashing or ringing low air alarms as well as reflective decals or fabric. But the Scott *SWAT-PAK* SCBA does meet the NFPA flame and heat test so that law enforcement personnel can utilize it in potential high heat scenarios such as drug lab raids.

Q: What advantages does the Scott *SWAT-PAK* SCBA backframe offer?

A: The backframe is designed to provide a compact housing system for the Scott *SWAT-PAK* SCBA's performance systems while promoting a comfortable fit.

Constructed of a lightweight aircraft aluminum alloy, the backframe follows the shape of the user's back. The backframe places the bulk of the SCBA's weight on the user's hips, where wrap-around wings provide comfortable hip support. The result is a design intended to minimize shoulder fatigue and give the user maximum freedom of movement.

Q: What are the advantages of the Scott *SWAT-PAK* SCBA harness system?

A: Besides promoting user comfort, the harness system is constructed with heavy braided Kevlar[®] webbing. The design is far superior to some competitive units that are constructed with a less durable fabric and require interior stainless steel cables.

Ease of maintenance is promoted because the harness system eliminates bolts and screws. The harness is attached to the backframe because it is woven through retaining slots on the backframe.

Q: Why are oversized harness fasteners on the Scott *SWAT-PAK* SCBA harness system?

A: Oversized parachute-style harness fasteners permit smooth, efficient adjustments with gloved hands. This permits quick, easy donning and doffing.

Q: How does the Scott *SWAT-PAK* SCBA cylinder retention system work?

A: The retention system includes a durable Kevlar retention strap fastened by means of a cam-over-center slide and double locking latch. This arrangement permits ease of cylinder changes and readily accommodates 30, 45-minute and one-hour cylinders.

Q: Are cases available to store the Scott *SWAT-PAK* SCBA?

A: Yes. There are two types of cases available for storing the Scott *SWAT-PAK* SCBA. You can pick from a hard plastic case with a non-skid stackable surface or a soft-sided bag that can be carried by two handles or worn over the shoulder with a shoulder handle.

Q: What options are available?

A: The Scott *SWAT-PAK* SCBA is available with several options such as: communication devices (Voice amplifier, E-Z Radiocom[™] and Envoy Radiocom[™]); air extension devices (Extended airline pigtails, Quick charge and EBSS); facepiece shrouds (AV-Hood[™]) in black or white nomex and OD butyl nylon shroud (AV-NBC Shroud[™]); and air purifying devices (NBC canister and adapter, and C420 Vari Flo[™] PAPR for use in Nuclear, Biological and Chemical attacks, where non IDLH environments do exist, thus eliminating the weight of SCBA).



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