



ACSi SCBA

FLEXIBLE, COMFORTABLE, LIGHTWEIGHT CARRYING SYSTEM



COMFORT, RELIABILITY

AND THE LIGHTEST CARRYING SYSTEM IN ITS CLASS.

Engineered to the highest standards of performance and reliability, the new Advanced Carrying System (ACS) is a major advancement in SCBA carrying systems. ACS products are lighter than other SCBA carrying systems in their class and offer the wearer ultimate comfort and flexibility, resulting in a considerable reduction in user burden.

The Scott ACSi SCBA is a NIOSH approved SCBA for use in non-fire-related, industrial environments and offers great benefits in comfort and flexibility. With reliable pneumatics, enhanced user comfort and simplified features built in, the ACSi SCBA is a must have for your industrial SCBA needs.



● ENHANCED COMFORT AND ERGONOMICS

Traditional SCBA carrying systems can generate undue strain, which leads to fatigue and can cause accidents. The Scott ACSi SCBA features a molded Thermoflex backplate and ergonomically designed carrying system, made to fit the spine and back muscles. Coupled with padded, adjustable shoulder straps and waistbelt, the result is the lightest carrying system in its class and a massive improvement in user comfort and flexibility of movement. More comfort creates less fatigue and reduced user burden, ultimately resulting in a safer work environment.

● ENGINEERED FOR RELIABILITY AND EASE-OF-USE

At its core, the ACSi SCBA is everything you'd expect from Scott: equipment engineered for performance and reliability—this is central to our product design philosophy. That's why the ACSi incorporates a reliable two-stage pneumatic system that features a first stage pressure reducer coupled with the Scott E-Z Flo mask-mounted regulator. The E-Z Flo regulator provides a positive locking mechanism for quick donning and an air-saver switch which allows the ACSi SCBA to be put in standby mode when connected to an activated cylinder.

● QUICK TURNAROUND AND LOW COST OF OWNERSHIP

The Scott ACSi SCBA features an easy-to-clean, washable backplate and harness. Removal of the pneumatics requires a simple Scott "quarter-turn"—no tools are needed to disengage the pneumatics from the backplate and harness. This allows for quick, easy turnaround and easy decon.

In addition, the E-Z Flo regulator is available with the option of Modulair quick disconnect, allowing for quick connect/disconnect capability of the regulator for ease of cleaning, disinfecting and repair. The E-Z Flo Modulair option can be used with other industrial-style Scott respirators, like the Ska-Pak Plus and E-Z Airline supplied air respirators, simplifying and reducing training and maintenance costs across the entire Scott air-supplied respirator product family.

Reliability means having confidence that your equipment will function as needed when needed. The Scott ACSi SCBA carries a full 5-year warranty. With simplified maintenance procedures and no required overhauls, the Scott ACSi SCBA has a low after-sale cost of ownership, contributing to one of the lowest total life cycle costs of ownership on the market. Performance, reliability and ease-of-use work seamlessly together on the ACSi, so you can focus on the job at hand.



TOP-DOWN CONVERTIBILITY



This design platform, pioneered by Scott, allows one facepiece to be used on numerous respiratory protection products, from supplied air to air purification. This one-facepiece concept reduces the costs of inventorying, training and fit-testing multiple facepieces for each employee.

FACEPIECES

- AV-2000
- AV-3000
- SureSeal System for AV-3000
- Weld-O-Vista



SureSeal System
for AV-3000



Weld-O-Vista

● SIMPLE TO MAINTAIN WITH QUICK AND EASY TURNAROUND.

Easily remove pneumatics from backplate with a simple Scott “quarter-turn”—no tools required.



● OPTION FOR EXTENDED DURATION AIRLINE CONNECTION.

This connection enables the SCBA to accept an airline connection from an external air source, such as a cascade system, mobile air cart or existing plant air. This allows the external source to function as the primary air supply, thus conserving cylinder air for back-up or emergency escape situations.





The Scott Story. Since 1932, Scott Safety has been committed to providing outstanding, reliable safety equipment to those whose lives depend on it. Thousands of safety workers, firefighters, police, civil defense and military personnel have counted on Scott for innovative product design, best exemplified by our industry-leading Air-Pak SCBA. We've built a solid reputation on our attention to detail, rigorous quality assurance and exceptional service. The ACSi SCBA continues this proud heritage.

SPECIFICATIONS AND ORDERING INFORMATION

SCBA Model	Harness	Pressure (psig)	Cylinder	Regulator	Manifold	Extended Duration Airline	Facepiece	Console	Case	Packaging
3 ACSi SCBA	A ACSi Standard	2 2216	00 None	3 EZ-Flo standard	0 Standard	0 None	0 None	1 Gauge	0 None	
		4 4500	01 2216 psi Aluminum, 30 min.	4 EZ-Flo Modulair		1 Hansen	1 AV-2000, Kevlar® (CS)		1 Hard Case	1 One Per Box
			02 2216 psi Carbon, 30 min.			2 Schrader	2 AV-3000, Kevlar (M)		2 Soft Case	
			04 4500 psi Carbon, 30 min.			3 Cejn	3 AV-3000 SureSeal (M)			
			05 4500 psi Carbon, 45 min.			4 Hansen HK Plug	4 AV-2000 (CS) Poly			
			06 4500 psi Carbon, 60 min.			5 Hansen HK Socket	5 AV-3000 (M) Poly			
			Drained				6 AV-3000 SureSeal (M) Poly			
			AA 2216 psi Aluminum, 30 min.				7 AV-2000 (CS) Rubber			
			BB 2216 psi Carbon, 30 min.				8 AV-3000 (M) Rubber			
			DD 4500 psi Carbon, 30 min.				9 AV-3000 SureSeal (M) Rubber			
			EE 4500 psi Carbon, 45 min.							
			FF 4500 psi Carbon, 60 min.							
			* NOTE: selecting a cylinder with ACSi SCBA will ship a cylinder with the unique ACS designated valve assembly							

1. Part Number:

Select a one or two digit number per box from the chart above that corresponds to your choice

ACS	3	A	X	XX	X	0	X	X	1	X	1
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The ACSi SCBA features a unique cylinder valve assembly, designed to position the cylinder hand-wheel for maximum ease of use to provide:

- Lower profile
- Enhanced ergonomics
- Reduced snag hazard

ACSi SCBA Cylinder & Valve Assembly Ordering Information

Part Number	Valve Type	Pressure	Duration Rating	Description	Weight (empty)
200874-01	ACS	2216 psig	30 minute	Aluminum	18.0 lb.
200873-01	ACS	2216 psig	30 minute	Carbon wrapped	8.0 lb.
200870-01	ACS	4500 psig	30 minute	Carbon wrapped	8.0 lb.
200871-01	ACS	4500 psig	45 minute	Carbon wrapped	10.3 lb.
200872-01	ACS	4500 psig	60 minute	Carbon wrapped	13.0 lb.

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.

NIOSH Approved

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