

INTERSPIRO

SPIROMATIC S6

Self Contained Breathing Apparatus

NFPA 1981:2007 EDITION
NFPA 1982:2007 EDITION
CERTIFIED

New Features:

- **New Quick Release PASS System**
 - Proven SuperPASS technology
 - High performance two-way telemetry
 - Quick release bracket for PASS use away from SCBA
- **Higher Temperature Electronics**
 - Meets or exceeds all industry standards
 - Easy upgrade/retrofit for existing S models
 - Ready to accept new technologies
 - Compatible with existing accessories

Proven features from the S5:

- **Simple, Proven S-Mask Design:**
 - Secure, integrated second stage regulator
 - Fresh air hatch with instant-on air
 - Simple, reliable heads-up display (HUD)
- **High Performance Breathing:**
 - Simple, high flow design
 - Secure air connection from cylinder to mask
 - Very low breathing resistance
- **Modular Design**
 - Easier and lower cost maintenance
 - Easier upgrades as new technologies develop



SPIROMATIC S6

Self Contained Breathing Apparatus

REFERS TO PRODUCT(-S) WITH PART NO.(-S)

33100-series 34100-series
33200-series 34200-series

SPIROMATIC S6 is the sixth generation **SCBA** of the **Spiromatic-S** series, designed in accordance with the 2007 Edition of NFPA 1981. The Spiromatic S-series was first developed in 1998, and designed in anticipation of the rapid changes in electronic components and their use by fire and rescue personnel. As the first truly modular SCBA design, the S-series allowed for rapid integration of these new electronic features on a reliable, high performance breathing apparatus. As new standards have been introduced and new electronics become more available, S-series customers can easily upgrade to include these new features. What makes this rapid innovation possible is the modular product concept. Each S-series component can be user-removed and replaced, providing ease of maintenance and economical upgrades as new technologies develop.

Key components of the Spiromatic-S6:

• S-Mask with Integrated Second Stage Breathing Valve

The S-Mask includes an integrated second stage regulator. By integrating the second stage in the face mask, the wearer gets better vision, better sealing due to better weight distribution and better speech by having the speech diaphragm directly in front of the mouth. Better hygiene is another benefit as no one has to "share" a contaminated second stage.

The regulator remains securely connected and well protected at all times. Ambient air is available at any time without removing the second stage. This simple and secure hatch method is safer and quicker than removing and re-mounting the regulator.

• Electronics (BAC, HUD and PASS)

Our wireless HUD continuously provides hands-free indication of cylinder pressure and low air alarms. It is well protected inside the face mask and can easily be removed without tools. A black box (BAC) mounted to the backframe handles most of the electronic functions including supplying data signal to the HUD.

The PASS function is contained in a separate chest mounted module. The Super-PASS is available in a number of configurations (including two-way telemetry), and is automatically activated by air pressure in the SCBA. The PASS mounting bracket allows the wearer to easily remove the PASS for operations away from the SCBA, such as wildland fire fighting. All electronics are powered by standard alkaline batteries.



Heads-Up Display (HUD)

APPROVALS

- NFPA 1981: 2007 Edition
- NFPA 1982: 2007 Edition
- NIOSH 42 CFR (Part 84)
- NIOSH CBRN approved SCBA

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