

**FIRE-
FIGHTING
AT THE NEXT
LEVEL**

INTERSPIRO **Spiromatic S7**



ALL THE INFORMATION YOU NEED IN THE PALM OF YOUR HAND.

The S7 displays low air and PASS warnings, in a simple easy to read format. Just scroll through the data on the backlit LCD display to get cylinder pressure, remaining air time and heat load.

The backlight changes from yellow to red to indicate low air level and PASS (Personal Alert Safety Systems) alarm, giving you clear indication of the information.

Customized features

In addition to its standard features, the S7 includes department level settings,

such as the ability to set specific turn-back signals based on pressure or temperatures. These settings allow you to tailor the S7 to the standard operating procedures of your department.

Wireless Heads-Up Display

The S7 in-mask heads-up display (HUD) provides continuous cylinder pressure

reading and PASS status. It also provides continuous indication of cylinder pressure to your buddies, thanks to the unique Buddy Light display.

Now that last buddy check before going in can include a quick check of cylinder pressure to make sure your cylinders are full and ready to go.



INTERSPIRO

EMPTY
100249534

FULL

AIR SUPPLY



1/4 1/2 3/4



HAVING ALL THE FACTS PUTS YOU IN CONTROL

Technical data

- Sound level for PASS alarm: 95 dBA
- Data log memory capacity: 180 hours
- Powered by 8 batteries: 6 AAs in SCBA computer, 2 AAAs in HUD
- Low battery warning: two hours operation left for electronics and PASS

Approvals and Standards

- NIOSH 42 CFR (Part 84)
- NFPA 1981:2007
- NFPA 1982:2007
- NIOSH CBRN
- UL 913 Class I Group C, D and Class II Group E, F, G
Division 1 Hazardous locations

The S7 won't forget what you went through

Every time you open the S7 cylinder valve, the SCBA computer automatically stores critical data, such as cylinder pressure, PASS status and temperature exposure.

Proper function of an SCBA is essential for you, the department, and the community you serve. But it's even more important to the next firefighter who uses that SCBA. All critical system data for the last 180 hours of operation is stored in the SCBA computer.

Good data is the key to good preventative maintenance, and the data log feature in the S7 provides you, your air shop and your chief the information required to demonstrate effective respiratory protection.

Start-up test

As an additional safety feature, you can set the S7 to conduct an on-the-scene start-up test. Before you go in, the S7 checks that everything works the way it should, checking cylinder pressure and electronic functions.

Back at the station, you can perform an extended start-up test to check vital SCBA functions, including air leakage, cylinder pressure, motion sensor and panic button. The S7 stores the test results in the SCBA computer.

Inside HUD display

- FOUR LEDS INDICATE CYLINDER PRESSURE ON LEFT SIDE
- PASS AND LOW BATTERY STATUS ON THE RIGHT SIDE
- LEDS DIM AND BRIGHTEN BASED ON AMBIENT LIGHT CONDITIONS
- EASILY INSTALLED AND REMOVED WITHOUT TOOLS



Outside HUD display

- BUDDY LIGHTS INDICATE CYLINDER PRESSURE TO OUTSIDE
- TEAM CHECK BEFORE ENTRY QUICKLY CONFIRMS GOOD AIR AVAILABILITY FOR THE ENTIRE TEAM



AUTOMATIC STARTUP TEST CHECKS ALL VITAL FUNCTIONS

TWO LARGE BUTTONS CONTROL THE UNIT

PASS MOTION ALARM INTEGRATED IN DISPLAY UNIT

CONFIGURABLE BY CERTIFIED DEPARTMENT TECHNICIANS USING SOFTWARE AND A PC

LARGE DISPLAY WITH CLEAR TEXT AND STRONG BACKLIGHT

CONFIGURABLE DISPLAY CAN SHOW CYLINDER PRESSURE, REMAINING AIR TIME AND TEMPERATURE EXPOSURE

EASY-ACCESS SERVICE MODE DISPLAYS ALL IMPORTANT SERVICE DATA WITHOUT REQUIRING A PC



BACKFRAME ASSEMBLY

A strong, comfortable backframe is key to ensuring a durable, fully functional SCBA package. The new Spiromatic S7 backframe is developed in close collaboration with firefighters and experts in the field of ergonomics.

Comfort begins with the formed S7 harness that rides smoothly over the shoulder, and the height adjustable waist belt pivots with your every move. The composite backframe with drag strap, provides the strength to deal with the challenges you face.

Versatile platform

Smart functions integrated into the backframe assembly includes rescue drag strap, adjustable waist belt, removable hose covers and easy operated cylinder band. In addition, the backframe assembly holds and protects the SCBA computer and optional telemetry unit.





ROBUST RESCUE AND CARRY HANDLE

INTERCHANGEABLE HOSE HOLDERS

EASY TO OPERATE CYLINDER BAND

ERGONOMIC SHOULDER STRAPS

ADJUSTABLE CHEST STRAP (OPTIONAL)

MAXIMUM MOBILITY: WAIST BELT AND SHOULDER STRAPS MOVE INDEPENDENTLY OF ONE ANOTHER

LIGHTWEIGHT, OPEN BACK PLATE FOR GOOD VENTILATION

OPTIMAL WEIGHT DISTRIBUTION WITH BODY-SHAPED WAIST BELT

Size Adjustment

- FOUR DIFFERENT EASY-TO-ADJUST POSITIONS.
- SIZE CLEARLY VISIBLE FROM THE FRONT AND BACK.
- CAN BE ADJUSTED WITH MOUNTED CYLINDER OR ONSITE IN VEHICLE.



PERSONAL MASK & BREATHING VALVE

Our integrated second-stage breathing valve distinguishes the Interspiro mask from all others. Nothing allows you to breathe easier or gives you a more secure and more hygienic solution.

To see the difference, look at the data and compare Interspiro to other SCBAs. To feel the difference, try an Interspiro mask on your toughest assignments. Then you'll know why those who choose Interspiro remain loyal users.

Integrated second stage

Integrating the second-stage breathing

valve into the mask gives you a wider field of vision and better sealing due to optimal weight distribution. Plus having the speech diaphragm positioned directly in front of the mouth enhances clear speech quality.

Ambient air hatch

Making ambient air available at any time

lets you save cylinder air until needed. Best of all, you don't need to remove the second-stage valve to get ambient air. The second-stage valve remains securely connected at all times, providing a much safer solution than removing and remounting the valve. Accidental removal of the second-stage breathing valve is not possible.



NATURAL RUBBER MASK

WOVEN HEAD HARNESS

AVAILABLE IN THREE DIFFERENT SIZES

INDICATOR ARM FOR AMBIENT AIR HATCH

SPEECH DIAPHRAGM WITH EXCELLENT SOUND TRANSMISSION

INTEGRATED AND PROTECTED SECOND-STAGE BREATHING VALVE

A MOUNTED VALVE IS LOCKED AND CANNOT COME LOOSE DURING OPERATION

FIRE FIGHTER **SAFETY SYSTEM**

You'll find Interspiro products on every continent, serving the needs of the fire and rescue services. Every Interspiro product is developed with the input of seasoned fire professionals, who share their experience and expertise to help us continuously improve the performance of our products. The Spiromatic S7 is just one example of this process.

SpiroCom

SpiroCom is a completely new, compact voice communication system designed to withstand tough fire conditions. The wireless mask unit with voice activation provides hands-free communication with your team during interior search.

SpiroPulse

Even with the best monitoring, firefighters can get in trouble and require rescue by the Rapid Intervention Team. To

ensure safe, quick rescue, the SpiroPulse automatically activates when the PASS goes into full alarm. The ultrasonic signal provides a homing beacon to indicate the best path for the Rapid Intervention Team to find a missing firefighter.

SpiroLink

SpiroLink is a revolutionary new system that provides the incident commander with SCBA data for every firefighter on the scene: PASS status, remaining air,

remaining time and total time. Those firefighters operating on the "safe side" of operating limits remain "green" on the electronic display. But those running low on air or activating the PASS full alarm are clearly visible through colors, symbols and warning alarms.

SpiroCom, SpiroPulse and SpiroLink are three complementary technologies that together make sure all firefighters get back to the station safely.



SpiroCom



SpiroPulse



SpiroLink



Interspiro has 70 years of experience as a groundbreaking innovator of respiratory protection for non-breathable environments. Interspiro is a supplier of respiratory protection to defense military organizations, fire and rescue services, industries, utilities, shipping and diving companies around the world. Interspiro is an Ocenco Group company. Ocenco ranks among the world's largest respiratory protection companies.

