

# INTERSPIRO

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## SPIROMATIC S7

### Self Contained Breathing Apparatus

→ **Integrated PASS and SCBA computer**

- High visibility 360° lights
- Powerful sound
- SCBA computer protected under cylinder

→ **Simple, Proven S-Mask Design**

- Secure, integrated second stage regulator
- Ambient air hatch with instant-on air
- High performance breathing

→ **SpiroGuide Digital Display**

- Powerful backlight
- PASS status indicators and easy operation buttons
- Department selectable displays

→ **Robust and comfortable harness**

- Easy adjustment for body size
- Optimal weight distribution
- Large rescue handle



# SPIROMATIC S7

## Self Contained Breathing Apparatus

REFERS TO PRODUCTS WITH PART NO  
31450-31455 series

**SPIROMATIC S7** is the seventh generation **SCBA** from Interspiro. It combines the latest electronic developments and a new harness concept with the proven performance of the **Spiromatic-S** series 1st stage regulator, 2nd stage breathing valve and the unique **S-Mask** with ambient air hatch.

### Key components of the Spiromatic S7:

#### SpiroGuide Digital Display

The SpiroGuide Digital Display can be configured to show one or more of these screens:

1. Cylinder pressure symbol
2. Cylinder pressure in psi
3. Remaining air time based on actual breathing rate
4. Absorbed temperature

Two large buttons operates the integrated **PASS** and the motion sensor is located in the display unit for easy re-set.

#### SCBA Computer

Protected in the backframe the SCBA computer controls all electronics and saves all usage data for future analysis. Large loudspeakers and LED ramps give clear 360° indication of **PASS** Alarm and Low Air Alarm.

#### Wireless Heads-Up Display (HUD)

The wireless HUD continuously provides hands-free indication of cylinder pressure and low air alarms. Your HUD indications can easily be seen by your buddies thanks to the **Buddy Light** feature. The HUD also gives you **PASS** status to the wearer. It is well protected inside the face mask and can easily be removed without tools.

#### Harness

Robust ergonomic design maximising comfort, mobility and strength. The unique double pivot feature allows the shoulder straps and waist belt to move independently, ensuring optimal weight distribution during all fire fighting operations.

#### S-Mask with Integrated Second Stage Breathing Valve

The integrated second stage in the face mask provides wide field of vision, better sealing due to optimal weight distribution and clear speech quality. 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 is safer and quicker than removing and re-mounting the second stage valve.

#### Optional Equipment for the Spiromatic S7

- SpiroCom - Voice communication system, wireless unit mounted on the face mask
- SpiroLink - Telemetry system, additional module connected to the SCBA computer
- SpiroPulse - Tracking system, integrated in the SCBA computer



Heads-Up Display (HUD)  
with Buddy Light



SpiroGuide Digital Display

#### APPROVALS

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

# INTERSPIRO

[www.interspiro.com](http://www.interspiro.com)

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