

SPIROMATIC S4

Self Contained Breathing Apparatus

- ❶ Outstanding breathing valve performance
→ **Very low breathing resistance**
- ❷ Integrated ambient air hatch
→ **Fresh air without removing breathing valve**
- ❸ Very comfortable face mask in three sizes
→ **Excellent fit for all face shapes and sizes**
- ❹ Innovative design of Heads-Up Display
→ **Information conveniently provided without disturbing the user**
- ❺ Well-proven pneumatics and robust design
→ **Very reliable operation**
- ❻ Ergonomically shaped ventilated backplate
→ **Enhanced comfort and reduced fatigue**
- ❼ Fits spectacles and communication devices
→ **Flexibility for different users and purposes**
- ❽ Regulator flow rates in excess of 1350 litres/min.
→ **Allows extreme breathing rates and connection of a second mask**



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Self Contained Breathing Apparatus

REFERS TO PRODUCT(-S) WITH PART NO.(-S)
23100-series
24100-series

SPIROMATIC S4 is the fourth generation **SCBA** of **NIOSH/NFPA** approved Spiromatic-S. The S-series is a major upgrade and enhancement to the popular and durable Spiromatic model. The Spiromatic S4 is equipped with a Heads-Up-Display (**HUD**), Breathing Apparatus Computer (**BAC**) and Rapid Intervention Connection (**RIC**). It also features a pivoting harness back plate, buddy breathing hose, dual redundant End-Of-Service-Time (**EOST**) indicator and integrated **PASS**. The **S4** is a **NIOSH** certified Self-Contained Breathing Apparatus, **NFPA** 1981, 2002 Edition Compliant and **NIOSH CBRN** approved **SCBA** (High-Pressure version).

Heads-Up-Display (hud)

A new LED-based display along the left side of the mask lens gives hands-free indication of remaining cylinder pressure and a visual low air alarm. The mask frame mounted HUD continues the Interspiro modular design approach: the HUD operates independently of the second stage breathing valve. That means lower maintenance costs.

Breathing Apparatus Computer (bac)

The black box mounted on the SCBA backframe monitors the cylinder pressure and other data, and then sends that information to the HUD. The BAC is powered by a standard 9 volt battery. The BAC case is in its third generation of design, with each generation stronger and more reliable than the last.

Rapid Intervention Connection (ric)

The new RIC (or UAC, Universal Air Connection) allows for rapid refilling of cylinders under emergency conditions. The fitting is common on all 2002 edition NFPA 1981 compliant SCBAs, and allows neighboring departments to rely on one standard RIC solution. Mounting the Interspiro RIC directly to the first stage regulator makes for a simpler, more reliable design.

STANDARDS

- NFPA 1981:2002 Edition

APPROVALS

- NIOSH 42 CFR (Part 84)
- NFPA 1981, 2002 Edition Compliant
- NIOSH CBRN approved SCBA (high pressure version)



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