

INTERSPIRO

QS-system



INTERSPIRO QS-SYSTEM

Innovation by experience

There are hundreds of thousands of Interspiro BA sets in use all over the world, all having unique features that Interspiro was first to develop and introduce into the market. One such feature was to improve the degree of protection by designing positive pressure using techniques from Interspiro fighter aircraft breathing systems. Another was the development of lightweight fully composite cylinders. Interspiro has over 80 years of experience in regulating techniques, designing advanced breathing systems for toxic environments and for under water operations.

Compability and upgradeability

Now, existing users of Interspiro BA's are able to upgrade their sets with further improvements, compatible with previous Spiromatic equipment. With the QS-system, the existing equipment can be upgraded without necessarily having to invest in a completely new breathing apparatus.

The future with QS-system

Interspiro QS-system allows the users to move forward with the latest in product development like the QS-harness, the S-mask and the plug-in regulator. This opens the way for a wide range of configurations and you can specify the Interspiro BA that best suits your needs.



QS -ERGONOMIC AND COMFORTABLE



The pivoting system

HARNESS AND BACKPLATE

Designed with the ergonomics of different work situations in mind the QS-Harness features:

- Easily adjustable, wide, padded shoulder straps and waist belt
- Individually pivoting shoulder and waist straps that give maximum ease of movement and keep the weight where it belongs, on the hips
- Anatomically shaped "open type" carrying frame for added comfort and increased ventilation
- The possibility to take a wide range of cylinder sizes, carried as single, twin or cylinder packs

AIR SUPPLY CYLINDERS



- A multiple choice of sizes and types of cylinders
- The latest in composite design to reduce weight
- Cylinder pack configurations for enhanced balance and reduced profile
- Cylinder valve of ratchet type to minimise risk of accidental closure
- Optional direct reading pressure gauge

S-FACE MASK

The S-face mask is an enhancement of the well-known Spiromatic mask, recognized as being the most comfortable on the market and features:

- Easy work of breathing at all times due to unique balanced breathing valve
- Activated from inner mask triggering instant response to air demand
- Built in ambient air hatch for stand by use or first breath activated
- Automatic positive pressure with high air flow, exceeding 500 litres per minute
- Wide angle vision and low profile
- Proven, robust design, simple to service and maintain
- Possibility for a large variety of accessories to be easily fitted



*S-face mask
with ambient air hatch*



*S-face mask
first breath*

REGULATOR UNIT

The flexibility of the Interspiro QS-System where, for instance, a built in rescue hose or Revitox resuscitation unit may be fitted, places high requirements on the regulator:

- High capacity flow rates, over 1350 litres per minute
- Gives full capacity down to very low cylinder pressures
- Light, small, balanced regulator giving stable secondary pressure
- Rugged design with few parts and minimal wear
- Proven pneumatics, in use for more than 15 years
- Plug-in system allowing quick replacement for service or exchange
- Easy to maintain, needing few tools to service
- Low air consumption warning whistle with loud, even sound
- Reserve air valve as alternative warning system



QS -UPGRADEABLE

SOME OF THE MANY MODELS - MAKE YOUR CHOICE AND TAILOR YOUR BA

Spiromatic mask/breathing valve
Plug-in regulator
QS nylon harness (metal cylinder strap)
Single steel cylinder



QS S-face mask/breathing Valve
Plug-in regulator with extra air connection
QS kevlar harness (metal cylinder strap)
Spirolite single cylinder



QS S-face mask/breathing valve & bypass
Plug-in regulator with extra air connection
Rescue hose
QS kevlar harness (textile cylinder strap)
Spirolite twin cylinder option



QS S-face mask/breathing valve
Spiromatic regulator
QS kevlar harness (cylinder pack)
Spirolite cylinder pack

INTERSPIROS WIDE RANGE OF PRODUCTS AND ACCESSORIES



Test equipment for different applications



A full range of PASS (Personal Alert Safety Systems) equipment



Revitox - resuscitation unit with quick coupling for Spiromatic



Spiroscape - an easy to use escape unit with protective hood



Drying and washing systems for personal protective gear



Cooling vests to lower body temperature and heat stress



Communication systems for added safety



Chemical gas tight protective suits

Interspiro can provide a comprehensive training and full service concept, either locally or at an Interspiro facility

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