

FENZY X-Pro



The Effective Innovation

 SPERIAN

Respiratory Protection France



Sperian Respiratory Protection France inherits more than a century of safety expertise and innovation culture and is now one of the breathing apparatus business leaders on the market. Working in close collaboration with fire brigades and industry professionals for many years, has allowed us to put at your disposal performing reliable and latest advanced technology apparatus.

Fruit of many years of research, the **FENZY X-Pro** is an unique concept gathering the latest innovations for unfailing comfort and reliability in toughest conditions. The **FENZY X-Pro** has been designed and developed by professionals for professionals to offer Firemen a SCBA meeting all their requirements.

Materials which compose the **FENZY X-Pro** combine comfort and high performance. Resistant to hostile environments such as extreme temperatures or chemical product ejections, they guarantee unrivalled endurance and lifetime.

The **FENZY X-Pro** passed the flame engulfment test as per EN 137: 2006 standard.



FENZY X-Pro

A "High performance" concept



- Ultra-light back plate, adjustable to every morphology for an optimum comfort
- Foldable foot guaranteeing a complete protection of the high pressure system
- New "Extreme Comfort" harness concept
- **FENZY Quick-Fix** system allowing to replace cylinder quickly and easily
- Multiple anchoring rings for accessories and fast tightening straps
- New **FENZY Opti-Pro** full face mask with full panoramic vision without optical distortion
- New **FENZY SX-Pro** first breath demand valve

The **FENZY X-Pro** is even faster and easier to maintain allowing to save maintenance time, so that it is always ready-to-use at low cost.



Swivelling adjustment device of the back plate

Designed to follow all the movements of the top half of the back for an increased comfort.

Height adjustment device of the back plate

In 2 easy and fast positions to adapt to all sizes.

A back plate designed for an optimum comfort

In anti-static polymeric resin, the **FENZY X-Pro** back plate has been designed based on morphological studies to fit the body shapes perfectly allowing to distribute the weight ideally for optimum comfort

Movable protective foot of the high pressure system

The foldable foot used as movable protection gives additional safety to avoid any risk of deterioration of the cylinder valve and reducer.

Articulated waist belt

Articulated back plate to follow all the hip movements of the wearer in all positions.



Side carrying handles



An innovative product range for an increased efficiency

FENZY

Designed to meet
the professional requirements

X-Pro



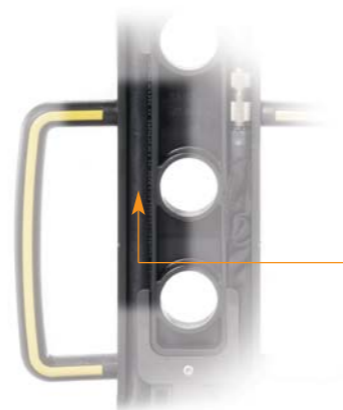
FENZY Quick-Fix system

The **FENZY Quick-Fix system** allows the use of all kind of cylinders and can quickly transform a single cylinder SCBA into a twin-cylinder SCBA.



Integrated HP and MP hoses

For an increased protection, HP and MP hoses are fixed inside the back plate allowing to avoid risks of deterioration.



Can also be equipped with:

- **Personal distress signal unit FENZY Angel I :**
Flexible personal warning device as it can be worn alone on the SCBA shoulder strap or be connected to the second MP outlet of the SCBA for an automatic activation.
- **Quick coupling on the Medium Pressure hose**
- **Quick connection device on the second Medium Pressure outlet:**
Allows to adapt an auxiliary mask or an auxiliary escape hood or other accessories.
- **Auxiliary escape mask or hood**

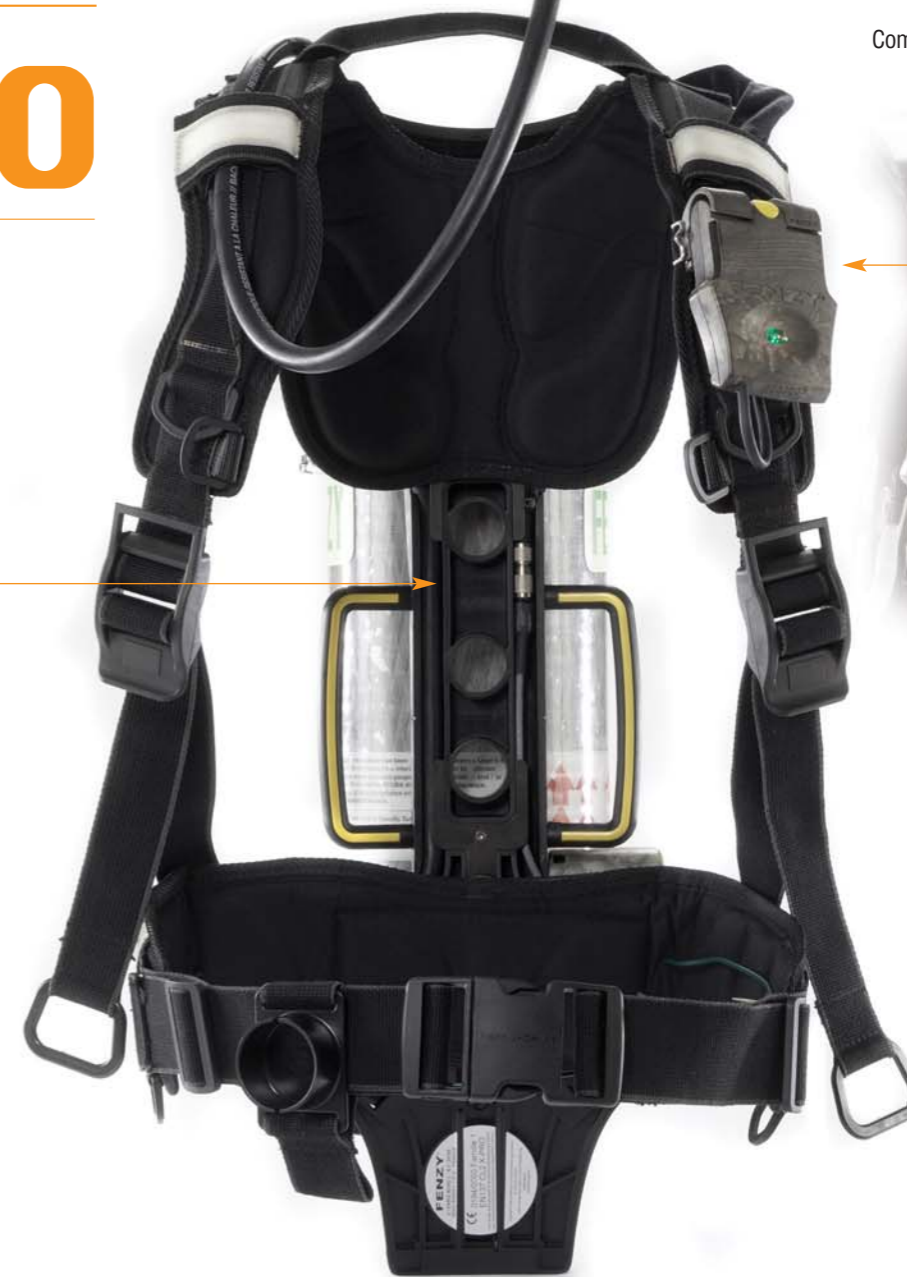


FENZY SX-Pro demand valve

New first breath demand valve with positive pressure

Multifunction monitoring device FENZY Angel II

Combines several monitoring devices and electronic warnings



Approved to EN 137: 2006 standard

Multifunction monitoring device

FENZY Angel II



Two devices for a better distribution of weight and a better protection of the essential functions of the apparatus:

- Compact and ultra light display device firmly fixed on the shoulder strap, with protected screen and automatic back light.
- Back plate device including the main electronics, the distress alarm and the black box.

Automatic start at the opening of the cylinder

Simultaneous display of all the information

Digital display: Duration, pressure, temperature.

Warnings: Duration / pressure, temperature, motionless ("Dead Man") ...

Black box: Data memorization for a recording duration of more than 10 hours.



Telemetry system

Keep an eye on Firemen remotely, using a data live broadcast:

Transmitter relay stations are available so that the signal is

never lost between **FENZY Angel II** devices and the monitoring station. With a computer or a PC tablet equipped with the **FENZY Angel II**

telemetry software, you are informed in real time of the situations of your brigades entered in action, for a maximum safety.



New dedicated technologies ... for a reinforced safety

FENZY Opti-Pro

The latest of our innovations, this mask offers unrivalled comfort and wide vision field. It complies with the EN 136 Class 3 standard.

With a fully panoramic vision, the **FENZY Opti-Pro** guarantees an exceptional visual angle without any optical deformation. The face piece and internal half-mask are in high quality silicone offering optimal comfort and perfect tightness.

Available in 3 sizes and 3 models (*net, head straps and fastening connection kit for F1 helmet*), the **FENZY Opti-Pro** fits all shapes of face.

With a high performance speech diaphragm, it can be equipped with a communication kit.

Compatible with all models of FENZY demand valves.



FENZY SX-Pro

New first breath demand valve with positive pressure.

Compact and ergonomic, the **FENZY SX-Pro** demand valve offers a very high breathing comfort and a very fast reply time even with high flow ventilation (*positive pressure until 500l/minute*).

Equipped with 2 over sized fixation points, the **FENZY SX-Pro** demand valve can easily be put on or removed even with gloves

The **FENZY SX-Pro** demand valve perfectly fits the mask **FENZY Opti-Pro** shape and does not disturb the vision field. Compatible with all other FENZY masks.



Masks & Demand Valves



Technical Data of FENZY X-Pro

■ Total weight of the complete set without cylinder (Kg)	3,900
■ Pressure (bars)	200 or 300
■ Outlet pressure of the HP reducer (bars)	7
■ Maximum flow (litres / min)	> 1000
■ Activation of the whistle (bars)	55
■ Power of the pressure gauge whistle (Db)	> 95
■ Frequency of the pressure gauge whistle (Hz)	> 3000
■ Certification temperature range (°C)	-30 ° / + 70°

Ordering references

■ FENZY X-Pro with FENZY SX-Pro FIRST BREATH DEMAND VALVE	with FENZY Angel II	
With FENZY Opti-Pro mask in black silicon	EUROPEAN Standard	EUROPEAN Standard
FENZY Opti-Pro mask with 5 head straps (size M)	1822120 EN	1822126 EN
FENZY Opti-Pro mask with net (size M)	1822121 EN	1822127 EN
FENZY Opti-Pro mask with fastening connection kit for F1 helmet (size M)	1822122 EN	1822128 EN
With FENZY Panoramasque mask in black EPDM		
FENZY Panoramasque mask with 5 head straps	1822129 EN	1822135 EN
FENZY Panoramasque mask with net	1822130 EN	1822136 EN
FENZY Panoramasque mask with fastening connection kit for F1 helmet	1822131 EN	1822137 EN
<i>Other available configurations: on request</i>		
■ FENZY X-Pro with FENZY Zenith (5000 DV) DEMAND VALVE		
With FENZY Opti-Pro mask in black silicon	EUROPEAN Standard	
FENZY Opti-Pro mask with 5 head straps (size M)	1822825 EN	
FENZY Opti-Pro mask with net (size M)	1822646 EN	
FENZY Opti-Pro mask with fastening connection kit for F1 helmet (size M)	1822062 EN	
With FENZY Panoramasque mask in black EPDM		
FENZY Panoramasque mask with 5 head straps	1822819 EN	
FENZY Panoramasque mask with net	1822820 EN	
FENZY Panoramasque mask with fastening connection kit for F1 helmet	1822821 EN	
<i>Other available configurations: on request</i>		
■ OPTIONS		
Personal Distress Signal Unit FENZY Angel I	1819747	
Nomex® cover for HP/MP hose protection: <i>on request</i>		
FENZY X-Pro can be supplied without protective foot: <i>on request</i>		

- The FENZY Angel II can be fixed on your existing SCBA on request
- The FENZY Angel II certification : Atex II 2 G D; I M2 EEx ia IIC T4; Eex ia I

Approved to PED and EN 137: 2006

ISO 9001 Certified



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