

## OPEN-CIRCUIT SELF-CONTAINED BREATHING APPARATUS EQUIPMENT

ORDER INFORMATION	REFERENCES
Aeris Confort Type 2 with Zenith demand valve and Panoramasque full-face mask with 5-point head strap without air cylinder	1823231
Aeris Confort Type 2 with Sx-Pro demand valve and Panoramasque full-face mask with 5-point head strap without air cylinder	1823222
Aeris Phase 2 with Sx-Pro demand valve and Opti-Pro full-face mask with 5-point head strap without air cylinder	1822301
X-Pro with (LDV) Sx-Pro and Opti-Pro full-face mask with 5-point head strap and MP quick coupling without air cylinder	1824219

## AIRLINE BREATHING APPARATUS EQUIPMENT

ORDER INFORMATION	REFERENCES
Bioline waistbelt with Zenith demand valve and Panoramasque face mask with 5 point head strap. With CEJN connectors.	1816043
Bioline waistbelt with Zenith demand valve and Panoramasque face mask with 5 point head strap. With Staubli connectors.	1816069
B.A.S. with Zenith demand valve Panoramasque face mask with 5-point head strap and CEJN connection without air cylinder	1816132
B.A.S. with Zenith demand valve and Panoramasque face mask with 5-point head strap and Staubli connection without air cylinder	1816130
Trolley 2-cylinder version with Staubli connector, 2 users, 2x25 m hoses with reel, with storage case. Without air cylinder.	1823983
Trolley 4-cylinder version with CEJN connector, 2 users, 2x25 m hoses with reel, with storage case. Without air cylinder.	1824092

## ESCAPE BREATHING APPARATUS EQUIPMENT

ORDER INFORMATION	REFERENCES
Bio-S-Cape with 3L 200 bar steel air cylinder (empty) – 15 minutes	1815732
Bio-S-Cape with 3L 200 bar composite air cylinder (empty) – 15 minutes	1815746
Aeris Mini Sx-Pro demand valve and Panoramasque full-face mask with 5-point head strap. Without air cylinder	1815357
Aeris Mini Sx-Pro demand valve and Panoramasque full-face mask with 5-point head strap. With 3L, 200 bar steel air cylinder (empty), integrated gauge – 15 minutes	1815374

## OXYGEN SELF RESCUER

ORDER INFORMATION	REFERENCES
Oxy-Pro, without waist belt, without goggles	1918727
Oxy-Pro waist belt	1910565

## FULL-FACE MASKS

ORDER INFORMATION	REFERENCES
Panoramasque full-face mask 5-point head strap	1710650
Opti-Pro full-face mask 5-point head strap, size M	1715012

## AIR CYLINDERS

ORDER INFORMATION	REFERENCES
6L 300 bar steel air cylinder (empty)	1822552
6.9L 300 bar composite (20 years) air cylinder (empty)	1819661
3L 200 bar steel air cylinder (empty), integrated gauge, 15 minutes	1822559

## ACCESSORIES

ORDER INFORMATION	REFERENCES
Second medium pressure outlet connection CEJN	1822500
Auxiliary rescue hood CEJN	1823182

Other configurations available: please contact us for details  
Pictures not for working practices, illustration only

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## SELF-CONTAINED BREATHING APPARATUS RANGE

**Honeywell**



PROTECTIVE BREATHING APPARATUS  
EQUIPMENT FOR INDUSTRY



Honeywell Safety Products has developed a full range of protective breathing apparatus equipment that responds to industrial needs.

## OPEN-CIRCUIT SELF-CONTAINED BREATHING APPARATUS EQUIPMENT

Honeywell Safety Products offers a range of Open-Circuit Self-Contained Breathing Apparatus (SCBA) equipment suitable for various applications in toxic or oxygen-deficient environments.

These apparatuses have a high/medium pressure (HP/MP) reducer, a full-face mask, a positive pressure demand valve, and an alarm which sounds to indicate the end of operation, built into the handle of the high-pressure gauge.

Aeris Confort Type 2, Aeris Phase 2 and X-Pro SCBAs are comfortable and durable breathing apparatus sets which comply with the requirements of European Standard EN 137 for Type 2 classification SCBAs.

### AERIS CONFORT TYPE 2

Comfortable, high-performing and durable it will protect you during any situation or application.

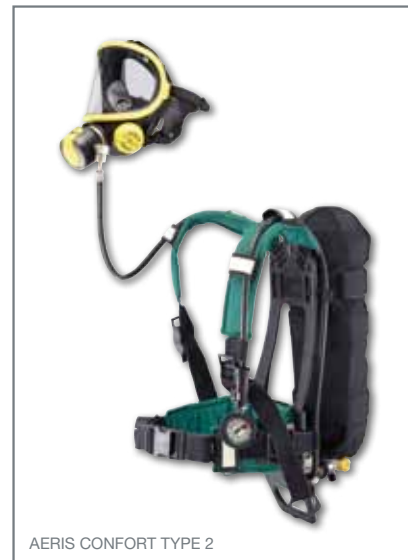
- Non-metallic, ergonomic, flexible back plate
- Comfort cushions on the shoulders and waist belt straps made of aramid fibre
- Excellent weight distribution of the apparatus on the hips

- Panoramasque full-face mask
- Compatible with both quick click, positive pressure demand valves:
  - Sx-Pro first breath demand valve
  - Zenith automatic demand valve

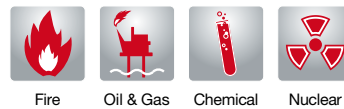
#### SPECIFICATIONS

Total weight of the complete apparatus without the air cylinder	Approximately 4.1 kg
Approved temperature	-30°C / +60°C
Apparatus type-approvals	EN 137 : 2006 type 2, SOLAS, MED, IMO, MSC
Full-face mask type-approval	EN 136 Class III

Other configurations available: please contact us for details



AERIS CONFORT TYPE 2



### AERIS PHASE 2

Comfortable, ergonomic and fully adjustable, the Aeris Phase 2 has been designed for extreme conditions.

- Non-metallic, ergonomic, flexible back plate
- Thermo-compressed comfort cushions on shoulder, waist and upper back straps
- Curved shoulder harness, specially designed to maintain the apparatus on the shoulders, regardless of the user's position or movements

- Excellent weight distribution of the apparatus on the hips
- Thermo-compressed harness and straps in self-extinguishing aramid fibre
- Multiple anchoring rings for adding accessories
- Opti-Pro full-face mask
- Sx-Pro quick click first breath activated positive pressure demand valve

#### SPECIFICATIONS

Total weight of the complete apparatus without the air cylinder	Approximately 4.55 kg
Approved temperature	-30°C / +60°C
Apparatus type-approvals	EN 137 : 2006 type 2, SOLAS, MED, IMO, MSC
Full-face mask type-approval	EN 136 Class III

Other configurations available: please contact us for details

### X-PRO

The materials used to construct the X-Pro combine comfort and high performance. They can withstand hostile environments such as extreme temperatures or chemical splashes, and provide unrivalled durability and long life.

- Ultra-light, anti-static polymer resin back plate
- Adjustment system:
  - A single movement provides two adjustable height positions
  - Built-in pivot allowing the apparatus to adapt to all the user's movements
- Movable and foldable foot protecting the cylinder and the high pressure system from impacts

- HP and MP hoses integrated into the back plate for optimal safety
- Thermo-compressed fibre comfort cushions on the shoulders, waist belt straps and on the upper back straps
- Curved shoulder straps, specially designed to maintain the apparatus on the shoulders, regardless of the user's position or movements
- Multiple anchoring rings for accessories
- Adjustable fast-tightening buckles
- Opti-Pro full-face mask
- Sx-Pro quick click first breath activated positive pressure demand valve

#### SPECIFICATIONS

Total weight of the complete apparatus without the air cylinder	Approximately 3,90 kg
Approved temperature	-30°C / +60°C
Apparatus type-approvals	EN 137 : 2006 type 2, SOLAS, MED, IMO, MSC
Full-face mask type-approval	EN 136 Class III

Other configurations available: please contact us for details

ATEX version available

Electronic gauge version available



AERIS PHASE 2



X-PRO



# AIRLINE BREATHING APPARATUS EQUIPMENT

*Bioline and B.A.S. are compressed air breathing apparatus sets.*

*Supplied with air using an external air network, they allow the user to carry out maintenance and long task in very good respiratory comfort and safety. B.A.S. version also allows the user to escape in full safety, thanks to its back-up air cylinder.*

## BIOLINE

**Light weight, attached to the belt and does not disturb the user while working. In the B.A.S. version, the air cylinder is secured along the thigh.**

- Quick and easy to don
- Supply hose secured to the belt: the mask cannot be easily torn off in case of strong traction

- To be connected to a medium pressure of approximately 7 bar, ensures a compatibility with most breathable air supply networks (Airline trolley, air network through a filter, etc.)
- Panoramasque full-face mask
- Zenith quick click automatic positive pressure demand valve

### SPECIFICATIONS

Total weight of a Bioline	Approximately 1.90 kg
Approved temperatures	-30°C / +60°C
Apparatus type-approvals	EN 139 (Bioline)
Full-face mask type-approval	EN 136 Class III

Other configurations available: please contact us for details

## B.A.S.

**The B.A.S. version specifically includes with the Bioline:**

- An automatic switching system from the air supply network to back-up air cylinder, with a cylinder engagement alarm whistle and a second alarm whistle to indicate end of cylinder operation

- A high and medium pressure (HP/MP) reducer with a safety valve
- A durable bag containing the 3L 200 bar compressed air cylinder and the reducer
- Gauge integrated in the cylinder valve

### SPECIFICATIONS

Total weight of a B.A.S.	Approximately 3.50 kg
Duration of back-up supply for the B.A.S.	Approximately 15 minutes
Approved temperatures	-15°C/+60°C
Apparatus type-approvals	EN 402 (B.A.S.)
Full-face mask type-approval	EN 136 Class III

Other configurations available: please contact us for details

## MOBILE AIRLINE TROLLEY UNIT

**This mobile trolley ensures that users have a supply of breathable compressed air for any kind of work in confined spaces or long-duration maintenance tasks. It adapts to various user respiratory needs depending on the type of effort involved.**

- Two 25-metre hoses, to allow two users to work separately, which can be assembled making a 50-metre hose for the air supply of a single user.
- Hoses are reinforced to prevent crushing, kinks or abrasion and to increase resistance to chemicals such as hydrocarbons

- The cylinders can be replaced during use, increasing service time
- Safety system to prevent air being transferred between the cylinders
- Adaptable to different cylinder volumes
- Storage case built into the trolley

### SPECIFICATIONS

Dimensions (W x H x D)	510 x 1170 x 780 mm
Maximum weight when empty	50 kgs



BIOLINE



B.A.S.



MOBILE AIRLINE TROLLEY UNIT



# EMERGENCY ESCAPE BREATHING APPARATUS SETS

## BIO-S-CAPE

**The Bio-S-Cape is a compressed air emergency escape breathing device (E.E.B.D). It is designed for escape in toxic or oxygen-deficient environments, requiring easy and immediate donning. The Bio-S-Cape complies with European Standard EN 1146: 2005 and the SOLAS Convention.**

- Reducer triggered automatically when the bag is opened
- Back of the head cushion inflates automatically to keep it in place
- Powerful alarm whistle to indicate end of operation and non-metallic: positioned next to the ear and does not consume air (air re-injected into the hood)

- Adjustable hood for all face shapes and accommodates facial hair and spectacles
- High-visibility hood, resistant to extreme temperature, humidity and chemical environment
- Fully airtight, comfortable and tear-resistant neck seal thanks to an anti tear layer
- Gauge visible at all times: easy to check pressure during storage inspection and escape
- Positive pressure in the hood eliminates any risk of inhaling toxic gases



BIO-S-CAPE



### SPECIFICATIONS

Dimensions with 3L 200 bar air cylinder (W x H x D)	500 x 180 x 180 mm
Total weight of the apparatus with 3L 200 bar steel air cylinder	Approximately 5.25 kg
Total weight of the apparatus with 3L 200 bar composite air cylinder	Approximately 3.45 kg
Duration	15 minutes
Approved temperatures	-15°C / +60°C
Apparatus type-approvals	EN1146 : 2005, SOLAS, MSC, MED et IMO

Other configurations available: please contact us for details

## AERIS MINI

**The Aeris Mini is designed for escape operation in toxic or oxygen-deficient atmospheres. Light and comfortable, designed for quick donning, the Aeris Mini ensures respiratory protection for the user. It provides excellent safety and ease of use.**

- Light, it provides the best possible duration/size ratio
- Compact, it allows for great freedom of movement

- End of operation alarm whistle
- Integrated gauge in the cylinder valve
- Instant access to mask
- Panoramasque full-face mask
- Sx-Pro quick click first breath activated positive pressure demand valve



AERIS MINI



### SPECIFICATIONS

Dimensions with 3L 200 bar air cylinder (W x H x D)	480 x 225 x 260 mm
Total weight of apparatus with 3L 200 bar steel air cylinder	Approximately 5.5 kg
Duration	Approximately 15 minutes
Usage temperature	-15°C / +60°C
Apparatus type-approvals	EN 402
Full-face mask type-approval	EN 136 Class III

Other configurations available: please contact us for details



## CHEMICAL OXYGEN SELF RESCUER

### OXY-PRO

The Oxy-Pro is a chemical oxygen self-rescuer with a long service time as it uses potassium superoxide (KO<sub>2</sub>) which regenerates exhaled air.

In compliance with European Standard EN 13794, it is recommended for emergency escape in high-risk environments, such as water treatment and work in confined spaces.

- Permanent control vacuum gauge, ensuring maximum safety for the user
- Airway is protected as soon as the apparatus is in use. A starter of compressed oxygen cylinder is activated allowing a flow of oxygen into the breathing bag limiting the risk of inhaling toxic gases as much as possible

- Compact and light, it provides optimal comfort for longer use
- Anti-static 6 litre respiratory bag ensuring optimal breathing comfort during escape
- Worn around the waist belt, it offers total freedom of movement. Once it is deployed, the case stays attached to the belt, allowing the user to keep the respiratory bag throughout use
- Case-opening system, designed for a quick and simple use of the apparatus
- Rechargeable air training apparatuses available



OXY-PRO



Confined Spaces

Escape

Oil & Gas

### SPECIFICATIONS

Dimensions (W x H x D)	200 x 208 x 108 mm
Weight of the apparatus alone	Approximately 2.3 kg
Duration	30 minutes at 35l/min
Life cycle of the apparatus	Up to 10 years with low maintenance
Apparatus type-approval	EN 13794 – Classification Type K 30-S

Also available with protective goggles and in training version: please contact us for details.



## FULL-FACE MASKS

Honeywell Safety Products offers a range of full-face masks which meet industrial needs, from maintenance tasks to fire fighting. Compatible with all the SCBAs in our range, they offer respiratory and visual comfort to fit all face shapes and provide high chemical and thermal resistance.

### OPTI-PRO

The Opti-Pro is a full-face mask with a very modern design, offering an extreme field of vision, optimal comfort due to the silicon and ensure a good seal.

- Specially designed lens to improve downward and side vision
- Impact-resistant polycarbonate lens with anti-scratch coating
- Facepiece and internal half-mask made of high-quality silicone

- Assembled and disassembled for cleaning without tool
- 'Air-Klick' system allows the user to click valves easily into place
- Positive pressure mask



OPTI-PRO



Fire

Oil & Gas

Chemical

Nuclear

### SPECIFICATIONS

Weight	Approximately 705 g
Full-face mask type-approval	EN 136 – Class III

Other configurations available: please contact us for details

### PANORAMASQUE

The Panoramisque is a full-face mask with a very wide field of vision without any optical distortion, providing a good seal, a comfort of use and fully approved for all applications

- Ergonomic design to suit all face shapes, one size fits all
- Facepiece, internal half-mask and skirt are made of high-performance EPDM (special polymer)

- Wide panoramic field of vision, without any optical distortion
- Polycarbonate lens with anti-scratch coating (optional Triplex lens)
- 'Air-Klick' system allows the user to click valves easily into place
- Positive pressure mask



PANORAMASQUE



Fire

Oil & Gas

Chemical

Nuclear

### SPECIFICATIONS

Weight	585 gr
Full-face mask type-approval	EN136 – Class III

Other configurations available: please contact us for details

