



Dräger PAS Lite

Røgdykkerapparater (SCBA)

For use in industrial applications where a simple, robust and easy to use breathing apparatus is required, the Dräger PAS Lite Self-Contained Breathing Apparatus (SCBA) combines reliability with comfort and performance, as well as excellent service life and easy maintenance.

Highlights

Advanced technology

With a proven design and using the same high quality pneumatics as found in professional firefighter breathing apparatus, the Dräger PAS Lite ensures consistent high performance and reliability over the lifetime of the apparatus with minimal maintenance. The carrying system features an ultra lightweight, high strength carbon composite space-frame having excellent impact, heat and chemical resistance, as well as outstanding durability

Integrated hose design

Both the air supply and gauge hoses are mounted into the space-frame, thus reducing the risk of snagging and entanglement. This enables the user to change the hose position from one side to another to suit individual preference. The fully integrated hose design also means that hoses can be replaced easily and cost effectively.

Efficient load distribution

Incorporating new materials that are shaped and formed to provide maximum comfort at both the shoulders and the waist, the carrying system has been developed to reduce back strain, stress and fatigue. The innovative harness design ensures an excellent weight distribution at the shoulders. The inclusion of durable rubber coated fabric provides excellent wearing comfort and chemical resistance, whilst also performing well during flame engulfment tests in line with EN137 Type 2.

Service friendly

A number of unique design features ensure that downtime and costs are kept to a minimum during repair and maintenance. All major components of the SCBA Dräger PAS Lite are quick and easy to assemble and disassemble, including the harness which is attached to the space-frame by a simple single-piece retention method. The reducer is contained in the space-frame for added protection and can easily be removed with simple tools.

Proven, robust and flexible

In line with other Dräger breathing apparatus, the Dräger PAS Lite allows users to take advantage of the tried and tested systems that lie behind the best breathing apparatus in the world. Developed as a result of years of research and extensive user consultation, these benefits include the use of the same advanced pneumatics as used in the whole professional firefighting range of Dräger.

The Dräger PAS Lite can be further adapted to suit specific industrial applications. As well as standard fit easy to clean harness, integrated Lung Demand Valve (LDV) or airline ready options such as the Dräger PAS ASV can be specified. Integrating easily with all Dräger PAS Airline equipment, this flexible breathing apparatus is also fully compatible with Dräger Panorama Nova and FPS 7000 full face mask ranges.

Our SCBA is designed for use with single steel or carbon composite cylinders rated at 4 to 9 L, 200 and 300 bar. A number of secondary supply connections are available for use in rescue, decontamination or airline applications. The Dräger PAS Lite can also be fitted with a variety of electronic voice communication options.

Specifications

Key Facts

Application	Compliance / Industrial Application
Pivoting waist Belt	X
Sliding Waist Belt	X
Height Adjustment	X
Reflective Straps	X
Buddy lights	X

Monitoring System

Mechanical gauge	✓
Mechanical gauge with transmitting function	X
Digital gauge	X
Automatically activated PASS	X
Head Up Display (HUD)	X
Compatible with Dräger FireGround	X

Technical Data

Weight (backplate & harness)	5,95 lb
Input Pressure	

Compressed Air Cylinders

One Cylinder Configuration	✓
Two Cylinder Configuration	X
Twinpack Configuration	X

Complementary products

PSS Safety Belt	X
QuickConnect	X

Approvals

EN 137:2006 (Type 2)	✓
GOST	X
Aus/NZ	X

NIOSH	✓
NFPA	×
EN 14593 Part 1	✓
MED	✓

Accessories



Dräger Compressed Air Breathing Cylinders

- Compressed Air Breathing Cylinders are designed using leading technology and advanced materials
- For use in any application requiring breathing protection
- Offering lightweight and Non-Limited Life (NLL) performance



Dräger PAS® ASV

- Automatic switch over valve for uninterrupted air supply
- Connects a compressed air breathing apparatus to an external air supply



Dräger PSS Lung Demand Valve (LDV)

- Suitable for the most extreme applications whenever Breathing Apparatus has to be worn
- Compact and robust design, and excellent pneumatic performance



LDV holder

Versatile LDV holder can be positioned on the Dräger PSS and Dräger PAS series to suit the requirements of the user, incorporating a simple to use secure connector, designed around the LDV.

Connective Products



Dräger PAS Filter Series

- Filter reliably cleans air from an existing high-pressure network
- Removes liquid and solid particles, including oil vapour and smell
- Can be mounted to the wall or placed on the floor



Dräger CPS 6800

- Reusable, gas-tight suit
- Protection against cryogenic hazardous substances and low concentrations of acids and alkalis, e.g. in Confined spaces
- SCBA worn over the protective suit



Dräger CPS 6900

- SCBA worn inside the protective suit
- five suit sizes (S-XXL)
- side zipper for donning without assistance
- suit material Umex, reusable



Dräger CPS 7800

- Reusable, gas-tight suit
- Protection against gaseous, liquid, aerosol, and solid hazardous substances - even in explosive areas
- SCBA worn over the protective suit



Dräger CPS 7900 olive, beige

- Reusable gas-tight suit for use in CBRN hazard situations
- Protection against industrial chemicals, biological agents, and others
- Suitable for civil emergency and disaster recovery missions, and decontamination work



Dräger FPS 7000

- Comfortable full face mask with different front port options
- Combinable with helmets, communication and respiratory systems
- Available in multiple sizes for a secure fit



Dräger Panorama Nova

- Full face mask protecting the respiratory tract and eyes
- Offers different thread connections: RA (Rd40), PE (M45x3), ESA or P Dräger plug-in connection
- EPDM or silicone mask body, triplex or PC visor



Dräger PAS AirPack 2

- Air supply by trolley-mounted cylinders and hose reel
- One or two compressed air cylinders of up to 50 l
- Ideal for chemical tank cleaning, toxic spillages or certain tasks when working on offshore installations



Dräger PAS MAC Series

- Mobile Breathing Air Compressors
- For one or more users over extended periods
- Fully compatible with Dräger airline breathing apparatus



Dräger PAS® AirPack 1

- Air supply by trolley-mounted cylinders and hose reel
- Up to four compressed air cylinders of up to 12 l
- Ideal for chemical tank cleaning, toxic spillages or certain tasks when working on offshore installations



Dräger PSS® Rescue Hood

- Designed for life-saving operations
- Can be used with any breathing apparatus requiring a second medium pressure connection
- Lightweight and compact, making it easily accessible in emergencies



Dräger Quaestor 6000

- Performs semi-automatic static and dynamic tests
- Tests full-face masks, chemical protection suits, and compressed air breathing apparatus for functionality and leak tightness
- Intuitive user guidance of the software



Dräger Quaestor 8000

- Performs fully automatic static and dynamic tests
- Tests full-face masks, chemical protection suits, and compressed air breathing apparatus (others possible, if required) for functionality and leak tightness"

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