

## Dräger PAS® Lite Self Contained Breathing Apparatus

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 to maintain.



## Benefits

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### 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.

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### 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.

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### 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.

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### 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. The harness is also highly resistant and impervious to chemicals, making decontamination and cleaning a simple, straightforward task.

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### 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® and FPS® 7000 full face mask ranges.

## Benefits

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.

## System Components

D-13666-2010



### Dräger FPS® 7000

The Dräger FPS® 7000 full face mask series sets new standards in terms of safety and wearing comfort. Thanks to its enhanced ergonomics and the availability of multiple sizes, it offers a large, optimised field of vision and a very comfortable, secure fit.

ST-149-2000



### Dräger PSS® Lung Demand Valve (LDV)

Suitable for the most extreme applications whenever breathing apparatus has to be worn: with its compact and robust design, and excellent pneumatic performance, the Dräger PSS® Lung Demand Valve (LDV) will always deliver the air that you need.

## System Components



ST-135-2000

### Dräger Compressed Air Breathing Cylinders

Designed using leading technology and advanced materials, Dräger's range of Composite Cylinders can be used in any application where breathing becomes difficult or impossible.



ST-6201-2007

### Dräger PSS® Rescue Hood

Fire fighters face some of the harshest conditions this world has to offer, and are expected to save others from these environments; the Dräger PSS® Rescue Hood is designed to help the professional save lives.



ST-3560-2003

### Dräger PAS® AirPack 1

Designed using leading technology and materials, Dräger's range of heavy-duty airline apparatus is ideal for use where an extended duration of breathing air is called for. Chemical tank cleaning, toxic spillages or certain tasks when working on offshore installations are all made easier and more comfortable when using the Dräger PAS® AirPack 1.



D-983-2016

### Dräger Quaestor 7000

All static and dynamic tests of the Dräger Quaestor 7000 are carried out fully automatically. Controlled by the newly developed software, each test is carried out intuitively. For the user this guarantees high efficiency through comfort and speed.

## Accessories



### LDV holder

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



### Dräger PAS® ASV

The Dräger Automatic Switch over Valve (PAS® ASV) enables the user to connect compressed air breathing apparatus to an external air supply, such as a factory ring main, and be safe in the knowledge that if the external supply were to fail, there would be a safe and uninterrupted transition to the wearer's back-up air supply.

## Related Products



### Dräger PAS® Colt

Combining versatility, ease of use and the latest in breathing apparatus design, Dräger's PAS® Colt is among the most technologically advanced short duration and emergency escape units available.

## Related Products



### Dräger PAS® Micro

Combining versatility, ease of use and the latest in breathing apparatus design, Dräger's PAS® Micro is among the most technologically advanced short duration and emergency escape units available.

## Technical Data

	Dräger PAS® Lite	Dräger PAS® Lite with integrated PAS® ASV
Weight incl. LDV (Kg)	2.70	3.50
Dimensions mm (H x W x D)	590 x 290 x 160	590 x 290 x 160
Input Pressure (bar)	0 – 300	0 – 300
Nominal 1st stage output pressure (bar)	7.5	7.5
1st stage output flow (l/min)	> 1,000	> 1,000
LDV output flow (l/min)	> 400	> 400
Whistle activation pressure (bar)	50 – 60	50 – 60
Whistle Sound Level (dBA)	>90	>90

### Approvals

EN 137 2006 Type 2
EN 14593 pt1 (when PAS ASV fitted)
MED
SOLAS II-2
Suitable for use in explosive atmospheres

## Ordering Information

### SCBA VARIANTS

#### Dräger PAS® Lite with integrated lung demand valve (LDV)

Dräger PAS® Lite – A	33 57 774
Dräger PAS® Lite – N	33 58 252
Dräger PAS® Lite – AE	33 58 253

#### Dräger PAS® Lite with quick release coupling (no LDV)

Dräger PAS® Lite QRC	33 58 254
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#### Dräger PAS® Lite with integrated lung demand valve (LDV) and integrated Charge-air connection

Dräger PAS® Lite Charge-Air – A	33 58 617
Dräger PAS® Lite Charge-Air – N	33 58 619
Dräger PAS® Lite Charge-Air – AE	33 58 618

#### Dräger PAS® Lite with integrated lung demand valve (no LDV) and integrated Charge-air connection

Dräger PAS® Lite Charge-Air – QRC	33 58 620
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#### Dräger PAS® Lite with integrated lung demand valve (LDV) and integrated Airline complete with an automatic switch over device

Dräger PAS® Lite Airline – A	33 58 255
Dräger PAS® Lite Airline – N	33 58 256
Dräger PAS® Lite Airline – AE	33 58 257

### ACCESSORIES

#### Permanent fit unit for use in conjunction with Dräger PAS® Lite Breathing Apparatus and an external air supply

Dräger PAS® ASV for PAS® Lite – permanent fit	33 58 874
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#### Permanent fit unit for use in conjunction with Dräger PAS® Lite Breathing Apparatus and an external air supply

Dräger PAS® ASV CPS for PAS® Lite – permanent fit	33 58 850
Comfort Waist Pad	33 58 236
LDV Holder (PI)	33 57 527
LDV Holder (M45)	33 57 528

## Ordering Information

LDV Holder (RD40 / ESA)	33 57 526
Breathing Apparatus Holdall Carrying Bag	33 56 473
Breathing Apparatus Hard-shell Carrying Case	33 35 412
Breathing Apparatus Storage Cabinet (polycarbonate)	33 10 260
Breathing Apparatus Storage Cabinet (stainless steel)	33 58 827

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