

## Dräger PAS<sup>®</sup> 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<sup>®</sup> Lite Self-Contained Breathing Apparatus (SCBA) combines reliability with comfort and performance.



## Benefits

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### Advanced technologie

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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### 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.

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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 the flame engulfment test 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.

## 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, optimized field of vision and a very comfortable, secure fit.

ST-357-2001



### Dräger Bodyguard® II

The Dräger Bodyguard® II is a fully electronic signal and warning unit for use with compressed air breathing apparatus and closed-circuit breathing apparatus. Combining a host of previously separate warning and monitoring devices into a single and simple to use instrument, the Bodyguard II is an ideal monitoring and safety solution for any first responder.

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.

ST-195-2000



### 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.

## System components



ST-6185-2007

### 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.



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-3960-2003

### 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-6561-2010\_S

### 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



D-4268-2010

**LDV holder**

## Related Products



ST-3557-2003

**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.



ST-3556-2003

**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

### PHYSICAL SPECIFICATIONS

Dimensions (H x W x D)	23.2 x 11.4 x 6.3 inches (59 x 29 x 16 cm)
Weight (including LDV)	5.95 lb. (2.70 kg)
Weight with Integrated PAS ASV (including LDV)	7.72 lb. (3.50 kg)
Input Pressure	2216 PSI, 4500 PSI
Nominal 1 <sup>st</sup> Stage Output Pressure	87-130 PSI
1 <sup>st</sup> Stage Output Flow	>1000 L/min
LDV Output Flow	>400 L/min
Whistle Activation Pressure	554 PSI, 1125 PSI
Whistle Sound Level	>90 dBA
Approvals	NIOSH

## Ordering Information

### SCBA VARIANTS

#### PAS® Lite with integrated Lung Demand Valve (LDV), Panorama Nova Facemask and 30-minute aluminum cylinder

PAS® Lite Kit – 2216 PSI without SCBA case	4046192
PAS® Lite Kit – 2216 PSI with SCBA case	4046193

#### PAS® Lite with integrated Lung Demand Valve (LDV), integrated Charge-Air connection, 60-minute 4500 PSI cylinder, FPS 7000 Facemask, and mask storage bag

PAS® Lite Charge-Air – 4500 PSI	4046199
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#### PAS® Lite with integrated Lung Demand Valve (LDV) and integrated Airline complete with an automatic switchover valve (ASV); Facemask and cylinder sold separately

PAS® Lite Airline – 2216 PSI	4046194
PAS® Lite Airline – 4500 PSI	4046197

### ACCESSORIES

FPS 7000 Facemask (NIOSH)	R56200
Panorama Nova Facemask	R52972
PAS ASV Upgrade Kit for PAS® Lite and PSS 3000	3358850
Cylinders	On request
LDV Holder	3357527
Breathing Apparatus Hard-shell Carrying Case	4059430
Breathing Apparatus Storage Cabinet (polycarbonate)	3310260

## Notes

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## Notes

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