

## Dräger PAS® Lite Compressed Air 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. Lightweight yet robust, this pneumatic gauge SCBA offers excellent service life as well as being easy to maintain.



- Lightweight and reliable with a good service life
- Carrying system offers excellent load distribution
- Compatible with proven and robust air supply systems
- Innovative space-frame integrating the hoses to eliminate entanglement and reduce snagging
- Easy to clean and maintain service friendly design

Throughout industry, breathing apparatus is relied upon to perform reliably and consistently in a wide variety of workplace environments. The Dräger PAS Lite has been developed to meet the fundamental needs for self-contained, supplied air complete with carrying harness in industrial and industrial firefighting applications. Light in weight, it is comfortable to wear, easy to use and ensures reliable performance. Requiring minimal training, the simplicity of its design also offers significant benefits to those who do not wear breathing apparatus on a regular basis.

### 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.

### 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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Dräger PAS® Lite

**DRÄGER PAS® LITE****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.

**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 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.

**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) and pneumatic gauge complete with high pressure whistle warning unit at the base of the space-frame, electronic monitoring (Bodyguard II) 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 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.

**Accessories for every challenge:**

- Pneumatic gauge with integral high pressure whistle warning in the space-frame
- Integrated Lung demand valves
- Compatible with Dräger Panorama and FPS 7000 face masks
- Electronic voice communication options
- Steel or carbon composite cylinders (4 to 9 L, 200 and 300 bar)
- Secondary supply connections for rescue and decontamination
- Airline ready options including an integral Dräger PAS ASV
- Charge-air ready options for fast re-filling of the air cylinders
- Easy integration with all Dräger PAS airline equipment. Offering excellent performance and proven comfort, the Dräger PAS Lite is easy to use in any industrial application.

**ORDER INFORMATION**

A complete set consists of the following components:

- Basic unit
- SCBA face mask
- Cylinder

**Basic unit**

■ PAS Lite with integrated lung demand valve (LDV)	3357774
■ PAS Lite with integrated lung demand valve (LDV) and integrated airline complete with an automatic switch over device	3358255

Basic unit includes composite space frame, carrying harness, cylinder strap with cam lock, pressure reducer, warning whistle, lung demand valve and pressure gauge.

**SCBA face mask**

■ Panorama Nova P	Standard PC (plastic frame, no neckstrap)	R 54450
	EDPM PC	R 52972
	Silicone PC	R 53070
■ FPS 7000	EDPM	R 56200
	Silicone	R 56331

**Cylinder**

■ Steel	6.0 Litre 200 Bar	5841452
	6.0 Litre 300 Bar	5841453
■ Carbon Composite	6.8 Litre 300 Bar	3352653
	9.0 Litre 300 Bar	3352652

**Accessories**

Second medium pressure combined connector	3358868
Second supply hose female	3358867
Second supply hose male	3358869
PSS rescue hood	3354982
Lung demand valve holder	3357527

**SELECTED ACCESSORIES/UPGRADES**



ST-4001-2005

Dräger FPS® 7000 full face mask range



ST-6006-2006

Dräger Plus LDV range



ST-3950-2005

Second medium pressure combined connector



D-18516-2010

Dräger Bodyguard® 1000



ST-3949-2005

Secondary supply hose



ST-8201-2007

Dräger PSS® rescue hood

**TECHNICAL DATA**

	Dräger PAS® Lite	Dräger PAS® Lite with intergrated PAS® ASV
Weight (Kg)	2,70	3,50
Dimensions (H x W x D) (mm)	590 x 290 x 160	590 x 290 x 160
Input pressure (bar)	0 – 300	0 – 300
Nominal 1st stage output pressure	7,5	7,5
1st stage output flow (l/min)	> 1000	> 1000
LDV output flow (l/min)	> 400	> 400
Whistle activation pressure (bar)	50 – 60	50 – 60
Whistle sound level (dBA)	>90	>90

**Approvals**

	Dräger PAS® Lite	Dräger PAS® Lite with intergrated PAS® ASV
	EN 137 2006 Type 2 ATEX 94/9/EG	EN 137 2006 Type 2 EN14593 pt1 ATEX 94/9/EG

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