

# 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.

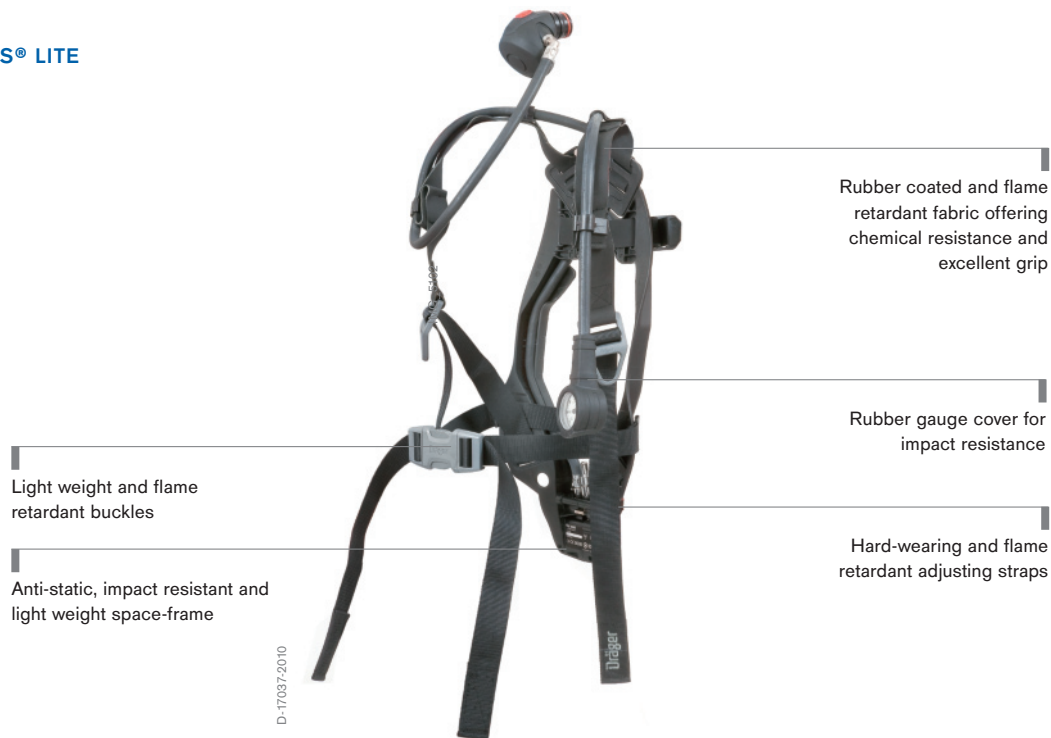
### EFFICIENT LOAD DISTRIBUTION

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.



Dräger PAS® Lite

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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.

### 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 Full 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

### SCBA VARIANTS

<b>PAS Lite with integrated lung demand valve (LDV)</b>	
PAS Lite – A	33 57 774
PAS Lite – N	33 58 252
PAS Lite – AE	33 58 253
<b>PAS Lite with quick release coupling (no LDV)</b>	
PAS Lite QRC	33 58 254
<b>PAS Lite with integrated lung demand valve (LDV) and integrated Charge-air connection</b>	
PAS Lite Charge-Air – A	33 58 617
PAS Lite Charge-Air – N	33 58 619
PAS Lite Charge-Air – AE	33 58 618
<b>PAS Lite with integrated lung demand valve (no LDV) and integrated Charge-air connection</b>	
PAS Lite Charge-Air – QRC	33 58 620
<b>PAS Lite with integrated lung demand valve (LDV) and integrated Airline complete with an automatic switch over device</b>	
PAS Lite Airline – A	33 58 255
PAS Lite Airline – N	33 58 256
PAS Lite Airline – AE	33 58 257

### ACCESSORIES

<b>Permanent fit unit for use in conjunction with Dräger PAS Lite Breathing Apparatus and an external air supply</b>	
Dräger PAS ASV for PAS Lite - permanent fit	33 58 874
<b>Permanent fit unit for use in conjunction with Dräger PAS Lite Breathing Apparatus and an external air supply</b>	
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
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

## SELECTED ACCESSORIES/UPGRADES



ST-3950-2005

Second Medium Pressure  
Combined Connector



ST-3949-2005

Secondary Supply Hose



ST-4001-2005

FPS 7000 Facemask



D-4268-2010

LDV Holder



ST-6185-2007

Dräger PAS® ASV  
Automatic Switch Over Valve



ST-6201-2007

PSS Rescue Hood



ST-3934-2005

Dräger Cylinders



ST-3560-2003

Dräger PAS® Airline

**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)	> 1000	> 1000
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

**HEADQUARTERS**

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