

## Dräger PSS® 5000 Compressed Air Breathing Apparatus

The Dräger PSS® 5000 SCBA is a new generation high performance breathing apparatus for the professional firefighter. Combining advanced ergonomics with a wide range of configurable options the Dräger PSS® 5000 provides the user with the comfort and versatility to meet the demands of first responders whenever breathing protection is required.



## Benefits

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### Dräger PSS® 5000

- Ergonomic carrying system
- Advanced harness choice
- Service friendly & easy to maintain
- Integrated and Versatile hose routing
- Wide variety of system configurations and accessories
- Electronic Monitoring with the Dräger Bodyguard 7000

Utilizing the established Dräger PSS Pneumatics and cylinder strap design, the Dräger PSS 5000 combines established technology, state-of-the-art materials and innovative thinking to create a SCBA for virtually any application.

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### Ergonomic carrying system

The Dräger PSS 5000 has been designed to be not only comfortable but also extremely stable during use in harsh firefighting environments. Incorporating a rigid harness connection to a fixed-height back plate, advanced harness materials and a pivoting waist belt, the Dräger PSS 5000 remains in position regardless of the task in hand.

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### Advanced harness choice

To allow the breathing apparatus to be tailored to the required application, the Dräger PSS 5000 utilizes new state-of-the-art harness materials offered in a choice of 2 harness options:

#### The Dräger Standard (DS)

Harness is a cost effective option for everyday use, offering a high level of comfort and durability. Easy to don and doff materials and simple pull forward and down adjustment mechanisms make the DS harness a versatile option for a wide variety of applications.

#### The Dräger Professional (DP)

Utilizes materials to withstand the high wear and tear that firefighters face daily, whilst providing an enhanced level of comfort and function over the DS harness. Incorporating hardwearing stainless steel buckles and long-life Aramid blend webbing, the DP is ideally suited to extended wear and frequent use.

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### Service friendly & easy to maintain

To keep downtime and costs to a minimum during service and maintenance, the Dräger PSS 5000 incorporates a number of unique design features

- Dräger's innovative Harness "slide and lock" mechanism facilitates fast and simple harness and waist pad connection/removal from the back plate, without the use of tools
- The first stage reducer snap fit connection allows the pneumatics to be fitted or removed quickly and easily from the set

## Benefits

- “Push in and out” hose clips allow swift removal of hoses from the harness pads for cleaning, without the need to remove the clip itself
- Closed, single piece harness and waist pad design to prevent excessive water absorption, reducing cleaning and drying time

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### Integrated and versatile hose routing

To minimize the risk of snagging and to guard against physical damage, both the gauge and air supply hoses are integrated within channels in the Dräger PSS 5000 back plate. The LDV, Gauge and Rescue hoses can now be routed over the left and/or right shoulders (2 hoses per side), allowing the Dräger PSS 5000 to be configured to any standard. Conventional waist mounted hoses can also be fitted making the Dräger PSS 5000 one of the most versatile SCBA's available.

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### Wide variety of system configurations and accessories

Dräger has revolutionized the use of breathing apparatus by creating a range of components that can be selected in combination to meet the specific needs of the firefighter regardless of the task.

In addition to the inherent features of the Dräger PSS 5000 DS and DP, it is also possible to add

- Dräger Bodyguard 7000 electronic monitoring
- twin cylinder configuration
- Quick-Connect (QC) cylinder connection
- chargeair quick filling
- secondary supply connections for rescue, decontamination and/or airline use
- PSS Merlin Modem
- PSS Rescue Hood
- and many more ... (for a full list and information please refer to the Dräger CABE Family Catalogue)

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### Electronic monitoring with the Dräger Bodyguard 7000

The Dräger PSS 5000 has been designed to be fully compatible with the globally established Dräger Bodyguard 7000 electronic signal and warning unit, and the newly integrated PSS Merlin Modem.

For maximum protection the Dräger Bodyguard 7000 has an innovative compact design that integrates the power supply and pressure sensor modules within the back plate, creating a balanced weight distribution. Real-time monitoring of essential information such as time-to-whistle (based on current air consumption) and cylinder pressure is communicated via a lightweight handheld electronic gauge and display and/or, a facemask-mounted Head's Up Display (HUD).

Simultaneously this information can be transferred to an Entry Control Board via the PSS Merlin Modem, further enhancing firefighter and fire ground safety.

## Benefits

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### Dräger Bodyguard 7000 at a glance

- accurate, continuously updated air time remaining
- digital and Analogue display of cylinder pressure
- time to whistle (based on current air consumption)
- intuitive operation
- integrated personal alert safety system (PASS)
- visual and acoustic warnings and alarms (102 to 112 dBA)
- easy push-button operation
- configurable settings to suit individual preferences
- enhanced display with scrolling text
- automatic self tests and system tests
- datalog with personal ID
- PC Link Software (Windows® compatible)
- choice of operating modes: Tally and Automatic
- simple upgrade to Dräger FPS® 7000 Head-Up- Display (HUD)
- simple integration with the Dräger PSS Merlin Modem

## System components



D-13866-2010

### Dräger FPS® 7000

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

## 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.



D-57238-2012

### Dräger Bodyguard® 1500

Dräger Bodyguard® 1500 is an automatic wireless PASS system which increases wearer safety in potentially hazardous situations. The system draws attention to colleagues in distress by generating distinctive visual and acoustic alert signals and features wireless data transmission from the pressure gauge to the PASS device.



D-52717-2012

### Dräger PSS® Merlin® System

The Dräger PSS® Merlin® Telemetry System offers a precise overview of the status of respiratory equipment wearers. The vital status information is communicated directly between the entry control point and the wearer. Technology, which supports the incident, significantly increases safety and protects the lives of your breathing apparatus wearers.



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.

## System components

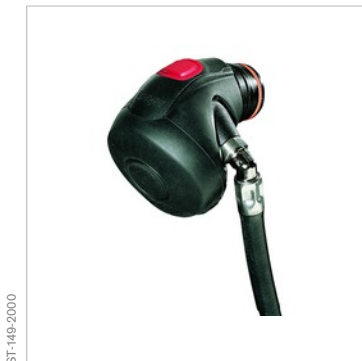


ST-6168-2007

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### Dräger Bodyguard® 7000

The Dräger Bodyguard® 7000 is an electronic monitoring unit which provides continuous monitoring of personal information and operational status of the Dräger PSS® 7000 and PSS® 5000 self contained breathing apparatus.

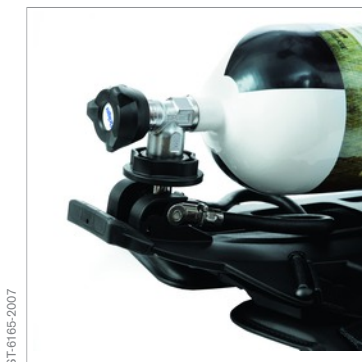


ST-148-2000

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### 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-6165-2007

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### Cylinder Quick Connect



D-2504-2010

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### Dräger PSS Merlin Modem

## System components



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 closedcircuit 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.



D-10572-2011

### Dräger FPS®-COM-PLUS

Because there is no time for misunderstanding in an emergency: The Dräger FPS®-COM-PLUS communication unit was specifically developed for the Dräger FPS® 7000 full face mask. It is mounted to the visor frame and is therefore fully integrated. For clear audibility by voice amplifier or radio – even under extreme conditions.

## Accessories



st-6188-2007

### Dräger PSS® 7000 secondary supply hose

## Accessories



ST-9907-2008

### Dräger FPS® 7000 Head-up Display (HUD)

One of the many benefits of the FPS® 7000 Facemask is the option of fitting a head up display. Always within the field of view the head up display allows easy monitoring of the cylinder contents without any manual action by the wearer.



D-18516-2010

### Dräger Bodyguard® 1000

Tough yet lightweight, the Dräger Bodyguard® 1000 is the newest addition to the Dräger Bodyguard® family of PASS devices. Designed to protect life by alerting the team when a wearer becomes motionless or distressed, the Dräger Bodyguard® 1000 emits clear and distinctive signals and alarms to ensure quick and effective recognition, even in the worst environmental conditions.



ST-6175-2007

### AA Battery module



D-582-D-2014

### Nickel Metal Hydride battery module

## Accessories



D-5821-2014

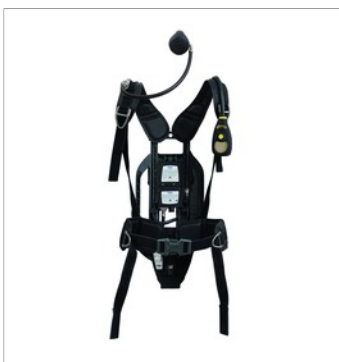
**Desktop charger (shown with batteries)**



ST-6164-2007

**Airline Belt manifold with ASV**

## Related Products

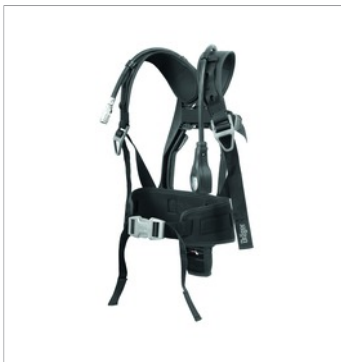


ST-6147-2007

**Dräger PSS® 7000**

Developed by professionals for professionals, the Dräger PSS® 7000 breathing apparatus is a major milestone in our continuing development of breathing devices for the professional fire fighter.

## Related Products



D-7469-2010

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### Dräger PSS® 3000

The Dräger PSS® 3000 is a new generation of high performing breathing apparatus for firefighters. Combining comfort with exceptional pneumatic performance, it is designed for applications where simplicity and ease of use are key essentials. Lightweight yet robust, and easy to don, this advanced breathing apparatus provides the ultimate in breathing protection.

## Technical Data

	PSS® 5000 DS Pneumatic Gauge	PSS® 5000 DP Pneumatic Gauge	PSS® 5000 DP Bodyguard 7000
Weight Kg (Backplate and Harness)	3.85	4.00	4.60
Input Pressure (bar)	0 - 300	0 - 300	0 - 300
Nominal 1st Stage output pressure	7.5	7.5	7.5
1st stage output flow (l/min)	> 1000	> 1000	> 1000
LDV output flow (l/min)	> 400	> 400	> 400
Whistle activation pressure (bar)	50 - 60	50 - 60	50 - 60
Whistle Sound Level (dBA)	> 90	> 90	> 90
ADSU Main alarm (dBA)	N/A	N/A	102 - 112

Approvals EN 137:2006 (Type 2)

## Ordering Information

### Dräger PSS® 5000 Compressed Air Breathing Apparatus

PSS® 5000 DP Pneumatic Gauge	single cylinder strap	3357845
PSS® 5000 DP Pneumatic Gauge	universal cylinder strap	3358333
PSS® 5000 DP Quick Connect	single cylinder strap	3358431
PSS® 5000 DP Bodyguard 7000	single cylinder strap	3358353
PSSv 5000 DP Bodyguard 7000	universal cylinder strap	3358355
PSS® 5000 DP Bodyguard 7000 QC	single cylinder strap	3358436
PSS® 5000 DP Bodyguard 7000 Tally	single cylinder strap	3358354
PSS® 5000 DP Bodyguard 7000 Tally	universal cylinder strap	3358356
PSS® 5000 DP Bodyguard 7000 Tally Quick Connect	single cylinder strap	3358437
PSS® 5000 DS	single cylinder strap	33 57 858
PSS® 5000 DS	universal cylinder strap	33 58 338
PSS® 5000 DS Quick Connect	single cylinder strap	33 58 428
PSS® 5000 DS Bodyguard 7000	single cylinder strap	33 58 349
PSS® 5000 DS Bodyguard 7000	universal cylinder strap	33 58 351
PSS® 5000 DS Bodyguard 7000 Quick Connect	single cylinder strap	33 58 434
PSS® 5000 DS Bodyguard 7000 Tally	single cylinder strap	33 58 350
PSS® 5000 DS Bodyguard 7000 Tally	universal cylinder strap	33 58 352
PSS® 5000 DS Bodyguard 7000 Tally Quick Connect	single cylinder strap	33 58 435

### Selected Accessories

FPS 7000 HUD Transmitter Kit 1	33 56 882
consisting of pressure module and HP manifold (allows upgrade from PSS® 5000 with pneumatic gauge to FPS 7000 Heads-Up-Display) n-mask display and power supply not included.	
Bodyguard 7000 Upgrade Kit (Tally)	33 57 098
consisting of Bodyguard 7000 display module & pressure Module including HP hose & pneumatic whistle.	

## Ordering Information

(Upgrade of PSS® 5000 with pneumatic gauge to PSS® 5000 w  
Bodyguard 7000, power supply not included)

Bodyguard 7000 Upgrade Kit (Button)	33 57 101
PSS® Merlin Modem Kit	33 57 982

### Plus lung demand valve (LDV)

Normal Demand (N)	33 50 501
Plug in (A)	33 38 700
M45 (AE)	33 38 706
ESA	33 51 302
Automatic switch over valve (ASV)	on request
PSS Rescue hood	33 54 982

### Lung demand valve holder

N/ESA	33 57 526
AE	33 57 528
A	33 57 527
Dräger Cylinders	on request

### Secondary Supply & Airline Accessories

2nd MP Connector Hose – Waist – Female – LF	33 55 748
2nd MP Connector Hose – Waist – Male – LF	33 55 749
2nd MP Connector Hose – Waist – Female – SF	33 58 503
2nd MP Connector Hose – Shoulder RH – Female – QRC	33 58 340
2nd MP Connector Hose – Shoulder LH – Female – QRC	33 58 341
2nd MP Combined Connector Hose – Waist – Unsecured	33 56 530
2nd MP Combined Connector Hose Forward – Waist – Secured	33 58 403
2nd MP Combined Connector Hose Forward – Waist – Secured	33 58 406
Buddy Breather Pouch	33 58 596
Revitox Shoulder Hose	33 58 590