

## 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.



- 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.

### 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.

### 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.



D-4265-2010

Dräger PSS® 5000



### 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
- "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

### 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.

### 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)

### 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.

### 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

## DRÄGER PSS 5000

Push "in and out"  
hose clips

"Slide and Lock" Harness  
Connections

Integrated Hose Channels

Swivel Waist Belt

Strap Retainer

Pull Forward Waist Adjustment



D-4266-2010

## Dräger PSS® 5000 Rescue Hose Shoulder



Left Hand Shoulder  
3358341

Right Hand Shoulder  
3358340



D-203892-2010

### High-Tech Harness

Closed, single piece harness and waist pad design to prevent excessive water absorption, reducing cleaning and drying time.

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**TECHNICAL INFORMATION**

	<b>PSS® 5000 DS Pneumatic Gauge</b>	<b>PSS® 5000 DP Pneumatic Gauge</b>	<b>PSS® 5000 DP Bodyguard 7000</b>
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)	> 1,000	> 1,000	> 1,000
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)

**SELECTED ACCESSORIES/UPGRADES**



ST-6168-2007

Dräger Bodyguard 7000



ST-9475-2006

Dräger FPS® 7000



ST-9907-2006

Dräger FPS® 7000  
Head-Up Display



ST-6201-2007

Dräger PSS® Rescue hood



ST-606-2006

Plus LDV



ST-6165-2007

Cylinder Quick Connect



D-2604-2010

Dräger PSS® Merlin Modem



ST-6183-2007

Dräger PSS® 7000  
secondary supply hose



D-16E16-2010

Dräger Bodyguard 1000



ST-6175-2007

AA battery module



D-5821-2014

Desktop charger  
(shown with batteries)



D-5820-2014

Nickel Metal Hydride  
battery module

## ORDER INFORMATION

### Dräger PSS® 5000 Compressed Air Breathing Apparatus

PSS® 5000 DP Pneumatic Gauge	single cylinder strap	33 57 845
PSS® 5000 DP Pneumatic Gauge	universal cylinder strap	33 58 333
PSS® 5000 DP Quick Connect	single cylinder strap	33 58 431
PSS® 5000 DP Bodyguard 7000	single cylinder strap	33 58 353
PSSv 5000 DP Bodyguard 7000	universal cylinder strap	33 58 355
PSS® 5000 DP Bodyguard 7000 QC	single cylinder strap	33 58 436
PSS® 5000 DP Bodyguard 7000 Tally	single cylinder strap	33 58 354
PSS® 5000 DP Bodyguard 7000 Tally	universal cylinder strap	33 58 356
PSS® 5000 DP Bodyguard 7000 Tally Quick Connect	single cylinder strap	33 58 437
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. (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



#### **CORPORATE HEADQUARTERS**

Draegerwerk AG & Co. KGaA  
Moislinger Allee 53–55  
23558 Lübeck, Germany

[www.draeger.com](http://www.draeger.com)

#### **Manufacturer:**

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