

## Dräger Bodyguard® 1500 Warning Device

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.



## Benefits

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### Enhanced safety

The rugged Dräger Bodyguard 1500 personal alert safety system is designed for use by both professional and volunteer firefighters. During normal operation twin blue fascia LED's show the position of the wearer – even in conditions of poor visibility. The backlit Tx Gauge wirelessly transmits its pressure data to the PASS device and also to the Dräger FPS 7000 Head-Up-Display if being used. This feature provides automatic visual notification from the Tx Gauge and acoustic notification from the PASS when the air supply drops below user-defined limits, such as 2/3 or 1/3. If the pressure drops below 56 bar, the PASS device emits a warning signal. The backlight of the Tx Gauge begins to flash a visual alert. Should a firefighter remain motionless for more than 20 seconds, a pre-alert sounds. If this pre-alert is not cancelled by the user, the full alert (distinctive acoustic and visual alarms) is activated, letting other members of the team know that a fellow firefighter is in distress.

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### Wireless operation

Following an initial pairing procedure, a single Tx Gauge is uniquely paired to a Bodyguard 1500 PASS device. When the cylinder valve of the SCBA is opened, the Tx Gauge automatically sends a wakeup signal to the paired PASS device ensuring that it is activated before the firefighter enters the hazardous zone. Advanced wireless technology reduces the need for additional cables or wires, reducing potential snagging hazards.

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### Durable design

The Bodyguard 1500 is a robust and lightweight system, capable of withstanding adverse environmental conditions commonly encountered by fire rescue teams. It is complying with the requirements of EN 137:2006 (type 2) for use in temperatures ranging from -30 °C up to 60 °C. The PASS device is supplied with both a clamp and a crocodile clip so that it can be worn at either the shoulder or the waist of the wearer. Large buttons make operation easy, even with gloved hands. Dräger Bodyguard 1500 has been designed with battery logistics very much in mind, to give up to 12 months of use before replacements are needed, enabling change-over during annual service resulting in minimised downtime.

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### Flexibility for the future

The Dräger Bodyguard 1500 PASS unit can also be used as a standalone personal alert safety system without the Tx Gauge. Alternatively, upgrade kits are available which let you install Tx Gauges onto your existing SCBAs of the Plus and PSS series.

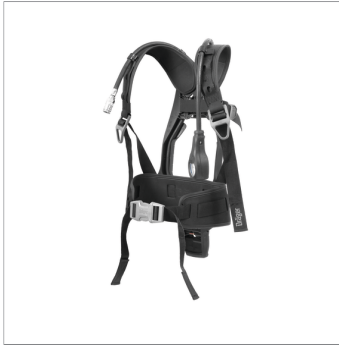
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### Datalog of incident history and personalised settings

The PASS device and the Tx Gauge both come with full data log functionality allowing downloads of incident history and the configuration of individual motion sensor timings using the Dräger RFID PC Link Module and a PC.

## System Components

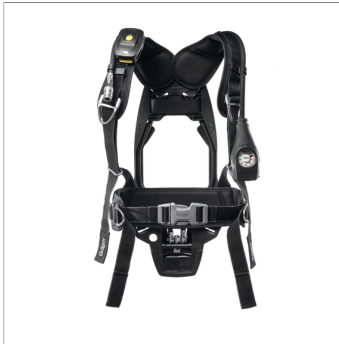
D-7489-2010



### Dräger PSS® 3000

The Dräger PSS® 3000 is a 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.

D-38071-2015



### Dräger PSS® 4000

The Dräger PSS® 4000 is one of the lightest professional self-contained breathing apparatus for firefighters. Combining comfort with exceptional pneumatic performance, this SCBA is designed for applications where simplicity and ease of use are crucial. Lightweight yet robust, and easy to don, the PSS® 4000 provides outstanding breathing protection.

D-4266-2010



### Dräger PSS® 5000

The Dräger PSS® 5000 SCBA is a 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.

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 firefighter.

## 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.



ST-9907-2006

### 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.

## Related Products



ST-6168-2007

### 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.

## Related Products



D-3892.03-2015

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### **Dräger Bodyguard® 1000**

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.

## Technical Data

	<b>Bodyguard® 1500 PASS</b>	<b>Tx Gauge</b>
Weight	233 g (with batteries)	377 g
Dimensions	100 x 70 x 40 mm	160 x 75 x 60 mm
Upper Frequency	2,900 (+/- 200) Hz	
Alarm	102 – 112 Laeq, 30s dBA	
Pre-Alarm	86 – 112 Laeq, 30s dBA	
Battery	CR123 Panasonic Lithium (2 off)	CR123 Panasonic Lithium (2 off)
Operating Time	Up to 12 months 8 hours in alarm 2 hours in alarm after low battery warning	Up to 12 months
<b>Approvals</b>		
Breathing Apparatus		EN 137:2006 Type 2
Intrinsic Safety		ATEX Directive - 2014/34/eu II 1G Ex ia IIC T4 Ga II 1D Ex ia IIIB T200°C Da I M1 Ex ia I Ma Ta: -30°C to +60°C
Electromagnetic Compatibility		EN 61000-6-2
Radiation Emissions		EN 61000-6-3

## Ordering Information

<b>Description</b>	<b>Order No.</b>
<b>Dräger PSS® 7000*</b>	
Dräger PSS® 7000 SCS with Tx Gauge	33 60 958
Dräger PSS® 7000 QC SCS with Tx Gauge	33 60 960
Dräger PSS® 7000 SCS with Tx Gauge & Bodyguard® 1500 PASS	33 60 962
Dräger PSS® 7000 QC SCS with Tx Gauge & Bodyguard® 1500 PASS	33 60 964
<b>Dräger PSS® 5000*</b>	
Dräger PSS® 5000 DP SCS with Tx Gauge	33 60 966
Dräger PSS® 5000 DP QC SCS with Tx Gauge	33 60 969
Dräger PSS® 5000 DS SCS with Tx Gauge	33 60 971
Dräger PSS® 5000 DS QC SCS with Tx Gauge	33 60 974
Dräger PSS® 5000 DP SCS with Tx Gauge & Bodyguard® 1500 PASS	33 60 975
Dräger PSS® 5000 DP QC SCS with Tx Gauge & Bodyguard® 1500 PASS	33 60 978
Dräger PSS® 5000 DS SCS with Tx Gauge & Bodyguard® 1500 PASS	33 60 980
Dräger PSS® 5000 DS QC SCS with Tx Gauge & Bodyguard® 1500 PASS	33 60 983
<b>Dräger PSS® 4000*</b>	
Dräger PSS® 4000 SCS with Tx Gauge	33 63 990
Dräger PSS® 4000 SCS with Tx Gauge & Dräger Bodyguard® 1500 PASS	33 64 018
<b>Dräger PSS® 3000</b>	
Dräger PSS® 3000 with Tx Gauge	33 60 984
Dräger PSS® 3000 with Tx Gauge & Dräger Bodyguard® 1500 PASS	33 60 987

## Ordering Information

### Upgrade Kits

Tx Gauge Kit (including Dräger Bodyguard® 1500 PASS)	33 60 992
Tx Gauge Kit	33 60 139
Dräger Bodyguard® 1500 PASS (Button)	33 60 839
Dräger Bodyguard® 1500 PASS (Tally)	33 60 840
PSS® 7000 PC Link Module including software	33 56 560
H.P. Hose Assembly	33 57 284

\* Twin cylinder variants (TCS) and twin cylinder variants with ChargAir also available

## Notes

Not all products, features, or services are for sale in all countries.  
Mentioned Trademarks are only registered in certain countries and not necessarily in the country in which this material is released. Go to [www.draeger.com/trademarks](http://www.draeger.com/trademarks) to find the current status.

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