

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

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.

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.

Durable design

The Bodyguard 1500 system is robust and lightweight, capable of withstanding adverse environmental conditions such as heat and smoke commonly encountered by fire rescue teams. It is IP 67 rated for dust and water resistance as well as 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.

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.

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-7469-2010



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.

D-4266-2010



Dräger PSS® 5000

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.

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.

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.

System components



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



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.



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.

Related Products



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.

Technical Data

	Bodyguard 1500 PASS	Tx Gauge
Weight	233 g (with batteries)	377 g
Dimensions	100 x 70 x 40 mm	160 x 75 x 60 mm
Upper Frequency	2900 (+/- 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

Ordering Information

DESCRIPTION	ORDER-CODE
PSS 7000*	
PSS 7000 SCS with Tx Gauge	33 60 958
PSS 7000 QC SCS with Tx Gauge	33 60 960
PSS 7000 SCS with Tx Gauge & Bodyguard 1500 PASS	33 60 962
PSS 7000 QC SCS with Tx Gauge & Bodyguard 1500 PASS	33 60 964
PSS 5000*	
PSS 5000 DP SCS with Tx Gauge	33 60 966
PSS 5000 DP QC SCS with Tx Gauge	33 60 969
PSS 5000 DS SCS with Tx Gauge	33 60 971
PSS 5000 DS QC SCS with Tx Gauge	33 60 974
PSS 5000 DP SCS with Tx Gauge & Bodyguard 1500 PASS	33 60 975
PSS 5000 DP QC SCS with Tx Gauge & Bodyguard 1500 PASS	33 60 978
PSS 5000 DS SCS with Tx Gauge & Bodyguard 1500 PASS	33 60 980
PSS 5000 DS QC SCS with Tx Gauge & Bodyguard 1500 PASS	33 60 983
PSS 3000	
PSS 3000 with Tx Gauge	33 60 984
PSS 3000 with Tx Gauge & Bodyguard 1500 PASS	33 60 987
Upgrade Kits	
Tx Gauge Kit (including Bodyguard 1500 PASS)	33 60 992
Tx Gauge Kit	33 60 139
Bodyguard 1500 PASS (Button)	33 60 839
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

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CORPORATE HEADQUARTERS
Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
www.draeger.com

MANUFACTURER
Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany

**REGION EUROPE CENTRAL
AND EUROPE NORTH**
Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany
Tel +49 461 882 0
Fax +49 461 882 2080
info@draeger.com

REGION EUROPE SOUTH
Dräger Safety France SAS
25, rue Georges Besse
92182 Antony Cedex
Tel +33 1 46 11 56 00
Fax +33 1 40 96 97 20
europe.south@draeger.com

REGION MIDDLE EAST, AFRICA
Dräger Safety AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

REGION ASIA PACIFIC
Draeger Safety Asia Pte Ltd
25 International Business Park
#04-20/21 German Centre
Singapore 609916
Tel +65 6308 9400
Fax +65 6308 9401
asia.pacific@draeger.com

**REGION CENTRAL
AND SOUTH AMERICA**
Dräger Panama S. de R.L.
Complejo Business Park,
V tower, 10th floor
Panama City
Tel +507 377 9100
Fax +507 377 9130
contactcsa@draeger.com

Locate your Regional
Sales Representative at:
www.draeger.com/contact

