

# Dräger PSS® 7000 with Dräger Bodyguard® 7000 Breathing Apparatus



ST-9572-2008

Developed by professionals for professionals the new Dräger PSS® 7000 breathing apparatus – with Dräger Bodyguard® 7000 electronic monitoring unit – represents a major leap forward in the evolution of breathing apparatus for the professional fire fighter.

### Dräger PSS® 7000

The Dräger PSS 7000® is the platform and centre piece for a complete personal safety system for the fire fighter.

- Modular electronic monitoring system featuring the new Dräger Bodyguard® 7000, and options such as the Dräger FPS® Head-Up Display and Dräger PSS® 7000 Merlin modem for telemetry operation
- New high wear resistant comfort shoulder and waistbelt padding with antislip surface for good grip
- Sliding and pivoting waistbelt assembly
- 3-point height adjustment
- Breathing hoses integrated into the backplate prevent snagging and offer good hose protection
- Reflective and photoluminescent hose sleeves for improved visibility and additional hose protection
- Quick release pneumatics and shoulder and waistbelt assemblies for easy service and maintenance
- Option of new cylinder quick-connect for quick cylinder changeout in the field and in the workshop

### Dräger Bodyguard® 7000

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

The revolutionary ergonomic design of the Dräger Bodyguard® 7000 incorporates the pressure sensor and power supply modules into the backplate of the Dräger PSS® 7000 which results in a balanced distribution of weight and a compact lightweight electronic monitoring unit.

### Features

- Integrated ADSU and Distress signaling
- Visual & Acoustic Warnings and Alarms
- Easy Push Button Operation
- Digital and Analogue Display of Cylinder Pressure
- User Configurable
- Enhanced display with text scrolling
- Automatic Self Tests & System Tests
- Datalog with personal ID
- PC Link Software
- Time to Whistle
- Choice of Operating Modes
- Choice of power supply modules
- New lightweight user friendly design

Dräger PSS® 7000 – another quality product from Dräger Safety.



ST-1096-2008

**Dräger PSS® 7000**  
State of the art breathing apparatus with Dräger Bodyguard® 7000 electronic monitoring unit.



Protective hose sleeves

Robust heavy duty stainless steel buckles

Quick release mechanism on shoulder pads and waist belt

3 point height adjustment

Power supply module

Large built in carrying handles

Sliding swivelling waist belt

1st stage reducer

Dräger Bodyguard® 7000

Light weight carbon composite back plate

Hose channels integrated in to back plate

Pressure module

**TECHNICAL DATA**

	Dräger PSS® 7000 Pneumatic Gauge	Dräger PSS® 7000 Bodyguard
Weight of complete set with Dräger FPS® 7000 facemask, lung demand valve and Dräger 6.8 litre carbon composite cylinder (20 year design life)	11.7 kg	12.2 kg
Input pressure (bar)	0 - 300	0 - 300
Normal 1st stage output pressure	7.5 bar	7.5 bar
1st stage output flow (l/min)	> 1000	> 1000
Pneumatic warning whistle activation pressure	50 – 60 bar	50 – 60 bar
Pneumatic whistle sound Level (dBA)	> 90	> 90
ADSU Main Alarm	N/A	102 to 112 dBA measured at 250 mm (JCDD 38 revision)
Battery (5 x AA battery pack)	N/A	> 365 hrs normal use
Operating Temperature °C	-30 - +60	-30 - +60
<b>Approvals</b>		
Breathing Apparatus	EN 137: 2006 Type 2, vfdb 0802	EN 137: 2006 Type 2, vfdb 0802
Intrinsic safety	ATEX 94/9/EC classification is I M1 / II 1G IIC T6 (Ta= -30° C to +60° C)*	ATEX 94/9/EC classification is I M1 / II 1GD EEx ia I/IIC T4 (Ta= -30° C to +60° C)*
Electromagnetic Compatibility	N/A	EN 61000-6-2
Radiation Emissions	N/A	EN 50081-1

\* The above ATEX classifications for Dräger PSS® 7000 are limited to certain breathing apparatus configurations only and there are exceptions to the categories. Please consult Dräger for details.

## ORDER INFORMATION

Dräger PSS® 7000 Modular Upgrades/Accessories	Order No
Dräger FPS® 7000 HUD In-Mask display	33 56 555
Dräger PSS® 7000 AA battery pack (set of 5 batteries included)	33 56 556
Dräger PSS® 7000 PC Link Module (incl. PC Link Software)	33 56 560
Dräger PSS® 7000 Personal ID Cards (pack of 10)	33 56 561
Second LDV connection/female decontamination hose w LF coupling	33 55 748
Decontamination hose male	33 55 749
T-Piece (for 2 x 6.8 liter 300 bar carbon composite cylinders)	33 37 660
Dräger PSS® 7000 2nd Supply hose (male and female couplings)	33 56 530
Dräger PSS® 7000 Airline Kit w ASOV (QR) Occasional Use	33 55 844
Retaining Clip (Gauge/Bodyguard)	33 52 089
Waistbelt Loop	33 34 968
LDV Holder/Gauge/Bodyguard (push-in)	33 39 633
Cheststrap	33 39 280
Dräger PSS® Rescue Hood	33 54 982
BA Set Hardshell Carrying Case (orange)	33 35 412
BA Holdall Carrying Bag	33 56 473

## ACCESSORIES/SYSTEM OPTIONS

ST-1086-2008		Dräger Bodyguard® 7000	ST-9475-2006		Dräger FPS® 7000	ST-9907-2006		Dräger FPS® 7000 Head-Up Display
ST-603-3006		Mechanical Gauge	ST-606-2006		Plus LDV	ST-6165-2007		Cylinder Quick Connect
ST-6175-2007		AA Battery module	ST-6183-2007		Dräger PSS® 7000 secondary supply hose	ST-6184-2007		Airline Belt manifold with ASV

## ORDER INFORMATION

Dräger PSS® 7000 Compressed Air Breathing Apparatus				Description	Order No
Dräger	DIN Cyl.Thread	Single Cyl Strap		Dräger PSS® 7000 SCS	33 55 068
Pneumatic Gauge	Connection	Univ.Cyl. Strap		Dräger PSS® 7000 TCS	33 55 930
	Cylinder Quick Connect	Single Cyl Strap		Dräger PSS® 7000 QC SCS	33 56 542
Dräger PSS® 7000 Button Bodyguard® 7000	DIN Cyl.Thread	Single Cyl Strap		Dräger PSS® 7000 BG7000 SCS	33 56 551
	Connection	Univ.Cyl. Strap		Dräger PSS® 7000 BG7000 TCS	33 56 552
	Cylinder Quick Connect	Single Cyl Strap		Dräger PSS® 7000 BG7000 QC SCS	33 56 553
Tally	DIN Cyl.Thread	Single Cyl Strap		Dräger PSS® 7000 BG7000 T SCS	33 56 679
	Connection	Univ.Cyl. Strap		Dräger PSS® 7000 BG7000 T TCS	33 56 680
	Cylinder Quick Connect	Single Cyl Strap		Dräger PSS® 7000 BG7000 T QC SCS	33 56 825

### Lung Demand Valves approved for use with Dräger PSS® 7000 Compressed Air Breathing Apparatus

Description	Order No
Plus LDV Short Hose Push in	33 38 700
Plus LDV Short Hose M45	33 38 706
Plus LDV Short Hose M40	33 50 501
Plus LDV M40 1.75m (rescue only)	33 50 606
<b>Plus LDVs with special polymer diaphragm for use in H2S environments</b>	
Plus LDV Short Hose Push in	33 38 967
Plus LDV Short Hose M45	33 38 968
Plus LDV Short Hose M40	33 38 969

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