

Dräger PSS® 3000 Compressed Air Breathing Apparatus

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.



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- Light, robust and simple to use
 - Enhanced carrying system
 - Proven air supply technology
 - Integrated hoses
 - Easy to clean and maintain
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Today's first responders demand reliability and consistency from their breathing apparatus whatever the environmental conditions. Resulting from years of research and extensive user consultation, the Dräger PSS 3000 has been developed to meet these fundamental needs:

LIGHT, ROBUST AND SIMPLE TO USE

Dräger PSS 3000 is one of the lightest self contained breathing apparatus carrying system to date. We have applied the same advanced technology and design philosophy which was derived from our class leading range of short and extended duration professional breathing apparatus.

The extremely durable carrying system features our new and innovative ultra lightweight, high strength carbon composite carrying frame which exhibits outstanding thermal, impact and chemical resistance properties.

Suitable for use in all conditions easy and quick to don, the lightweight harness has been specially designed to retain its form over a wide range of environmental temperatures. Utilizing materials that have good chemical and abrasion resistance and also meeting the heat and flame requirements of EN137:2006 (Type 2).



Dräger PSS® 3000

DRÄGER PSS 3000



ENHANCED CARRYING SYSTEM

By utilising the state-of-the-art pressure mapping technology, we have developed a carrying system which follows the natural contours of the body and therefore provides improved stability and reduced back strain, stress and fatigue. The contoured carrying harness provides maximum comfort at both the shoulders and the waist, but optimizes load distribution comfortably and securely, in line with the body's centre of gravity. Despite this emphasis on wearing comfort, you can rest assured that we have not compromised on the choice of the most rugged and durable materials available, in order to minimize the impact of the most hostile of environments.

PROVEN AIR SUPPLY TECHNOLOGY

Versatility is the foundation of the Dräger PSS series of products. The Dräger PSS 3000 enables the wearer to benefit from leading edge breathing protection technology incorporating, the same advanced pneumatic system used in the class leading PSS 7000 – is the choice of pioneering Fire Departments worldwide.

INTEGRATED HOSES

Both the medium pressure air supply and gauge hoses are integrated into the carrying-frame to reduce the risk of snagging and entanglement, which results in improved security and safety whilst entering and working in confined spaces. With the ability to re-route these hoses from one side to the other in order to suit customer preferences for gauge access, this design feature also facilitates the easy replacement of each hose

EASY TO MAINTAIN AND SERVICE

Quick and uncomplicated to service, the Dräger PSS 3000 incorporates a number of unique design features to ensure that downtime, and therefore costs, are kept to a minimum during maintenance. All the major components are simple and quick to remove and re-assemble. The harness is attached to the carrying frame by an innovative single-piece retention method. In addition the first stage pressure reducer, integrated into the carrying frame for added protection, can be readily removed.

Options for every eventuality:

- Choice of lung demand valves
- Full FPS 7000 facemask configuration options
- Electronic voice communications
- Steel or carbon composite cylinders
- Secondary supply hose connections for rescue and decontamination
- Available with Pneumatic gauge or electronic TX gauge and integrated PASS (Bodyguard 1500)

High performing, easy to use and combining both new and proven innovative technology, the Dräger PSS 3000 guarantees a lifetime of dependable service whilst at the same time minimizing the costs of ownership.



The Dräger Bodyguard® 1500 system:
Wireless transmission of pressure data between Dräger Bodyguard® Tx Gauge and Dräger Bodyguard® 1500 PASS device.

ORDER INFORMATION

PSS® 3000 with gauge	33 57 794
PSS® 3000 fixed LDV with gauge	33 58 906
PSS® 3000 Chargair with gauge	33 58 657
PSS® 3000 with TX Gauge	33 60 984
PSS® 3000 TX Gauge fixed LDV	33 60 985
PSS® 3000 BG1500	33 60 987
PSS® 3000 BG1500 Fixed LDV	33 60 988
PSS® 3000 BG1500 Chargair	33 60 989
PSS® 3000 TX Gauge, Chargair	33 60 986

FPS® 7000 Facemask	on request
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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
Normal Demand (N) 1.75 m (rescue only)	33 50 606

Lung demand valve holder

N/ESA	33 57 526
AE	33 57 528
A	33 57 527

Dräger Cylinders	on request
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Accessories

ST-4001-2005



Dräger FPS® 7000 full face mask range

ST-606-2006



Dräger Plus LDV range

D-4268-2010



Dräger LDV holder

ST-3934-2005



Dräger Cylinder range

ST-3950-2005



Second medium pressure combined connector

ST-3949-2005



Secondary supply hose

ST-6185-2007



Automatic switch over valve for use with an airline unit

ST-6201-2007



Dräger PSS® Rescue hood

D-16516-2010



Dräger Bodyguard® 1000

Accessories

Second medium pressure combined connector	33 58 868
Secondary supply hose female	33 58 867
Secondary supply hose male	33 58 869
Automatic switch over valve (ASV)	on request
PSS® Rescue hood	33 54 982
Dräger Bodyguard® 1000	on request

TECHNICAL DATA**Dräger PSS® 3000 Pneumatic Gauge**

Weight Kg (backplate & harness)	2.70
Dimensions mm (H × W × D)	590 × 290 × 160
Input pressure (bar)	0 – 300
Nominal 1st stage output pressure	7.5
1st stage output flow (l/min)	> 1,000
LDV output flow (l/min)	> 400
Whistle activation pressure (bar)	50 – 60 bar
Whistle sound level (dBA)	> 90
ADSU main alarm	N/A

Approvals

Breathing Apparatus	EN 137 2006 Type 2
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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

AUSTRALIA

Dräger Safety Pacific Pty. Ltd.
8 Acacia Place
Notting Hill VIC 3168
Toll-free +61 1800 DRAGER
(1800 372 437)
Fax +61 1800 64 74 84
customer.service@draeger.com

CANADA

Dräger Safety Canada Ltd.
2425 Skymark Avenue Unit # 1
Mississauga, Ontario, L4W 4Y6
Tel +1 905-212-6600
Toll-free +1 877 Dräger 1
(+1 877 372 4371)
Fax +1 905 821-2565
Toll-free Fax +1 800 329 8823

P. R. CHINA

Dräger Safety Equipment
(China) Co., Ltd.
A22 Yu An Rd, B Area,
Tianzhu Airport Industrial Zone,
Shunyi District, Beijing 101300
Tel +86 10 80 49 80 00
Fax +86 10 80 49 80 05

FRANCE

Dräger Safety France SAS
3c route de la Fédération, BP 80141
67025 Strasbourg Cedex 1
Tel +33 3 88 40 76 76
Fax +33 3 88 40 76 67

MEXICO

Dräger Safety S.A. de C.V.
Av. Peñuelas No. 5 Bodega No. 37
Fraccionamiento Industrial
San Pedrito
Querétaro, Qro México
Tel +52 442 246-1113
Fax +52 442 246-1114

NETHERLANDS

Dräger Safety Nederland B.V.
Edisonstraat 53
2700 AH Zoetermeer
Tel +31 79 344 46 66
Fax +31 79 344 47 90

REGION ASIA PACIFIC

Dräger Safety Asia Pte Ltd.
67 Ayer Rajah Crescent #06-03
Singapore 139950
Tel +65 68 72 92 88
Fax +65 65 12 19 08

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

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

SPAIN

Dräger Safety Hispania S.A.
Calle Xaudaró 5
28034 Madrid
Tel +34 91 728 34 00
Fax +34 91 729 48 99

UNITED KINGDOM

Dräger Safety UK Ltd.
Blyth Riverside
Business Park
Blyth, Northumberland
NE24 4RG
Tel +44 1670 352-891
Fax +44 1670 356-266

USA

Dräger Safety, Inc.
101 Technology Drive
Pittsburgh, PA 15275
Tel +1 412 787 8383
Fax +1 412 787 2207