

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.



- Light, robust and simple to use
- Enhanced carrying system
- Proven air supply technology
- Integrated hoses
- Easy to clean and maintain

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).



D-6869-2010

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

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.

ORDER INFORMATION

PSS 3000 with gauge	3357794
PSS 3000 fixed LDV with gauge	3358906
PSS 3000 Chargair with gauge	3358657

FPS 7000 Facemask	on request
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Plus lung demand valve (LDV)

Normal Demand (N)	3350501
Plug in (A)	3338700
M45 (AE)	3338706
ESA	3351302
Normal Demand (N) 1.75 m (rescue only)	3350606

Lung demand valve holder

N/ESA	3357526
AE	3357528
A	3357527

Dräger Cylinders	on request
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Accessories

Second medium pressure combined connector	3358868
Secondary supply hose female	3358867
Secondary supply hose male	3358869
Automatic switch over valve (ASV)	on request
PSS Rescue hood	3354982
Dräger Bodyguard® 1000	on request



ST-4001-2005

Dräger FPS® 7000 full face mask range



ST-606-2006

Dräger Plus LDV range



D-4266-2010

Dräger LDV holder



ST-3934-2005

Dräger Cylinder range



ST-3950-2005

Second medium pressure combined connector



ST-3945-2005

Secondary supply hose



ST-605-2007

Automatic switch over valve for use with an airline unit



ST-601-2007

Dräger PSS® Rescue hood



D-1656-2010

Dräger Bodyguard® 1000

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

Weight Kg (backplate & harness)	2.70
Dimensions mm (H x W x D)	590 x 290 x 160
Input pressure (bar)	0 – 300
Nominal 1st stage output pressure	7.5
1st stage output flow (l/min)	> 1000
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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