

DrägerMan PSS[®] 100

When flexibility is a necessity



DrägerMan PSS[®] 100

The adaptable answer for the professional fire-fighter.



DrägerMan PSS[®] 100

The most stressful and strenuous operations are made easier with comfortable equipment.

Ever since 1889 Draeger has been committed to developing the most advanced respiratory protective equipment. We have consistently produced products for use in the most demanding of environments, always meeting the highest safety and quality standards.

The PSS[®] 100, designed using the latest technology and materials, is a harness system proven to maximise wearer comfort and minimise stress and fatigue.

This innovative and ergonomic carrying system provides increased freedom of movement and manoeuvrability, with a level of comfort second to none.



Maximum Comfort

The innovative harness design of the PSS® 100 ensures the set remains securely in place and will not slip, no matter how much physical strain the wearer is under.

The patented swivelling and sliding waist pad allows the backplate to move with the upper torso, whilst firmly anchoring the waist pad on the wearer's hips. This allows the full weight of the apparatus to be borne closer to the most ergonomically efficient point, the body's centre of gravity, whilst providing maximum freedom to manoeuvre.

Secure padding at the shoulder straps and waist pad ensures they will not twist and provide the highest degree of comfort.

Individual torso lengths vary and the shoulder yoke height adjustment provides an extra level of adaptability, allowing the set to be adjusted to fit virtually any frame size.

Protection

The backplate is constructed from a strong, carbon composite material and is rigid, anti-static and highly resistant to impact, chemicals, flames and high temperatures.

Each component of the carrying system complies with the highest safety and flame engulfment standards in the world to give the greatest possible level of protection, including NFPA 1981:1997, EN137 and PrEN 137.

All materials have been selected to offer maximum durability and wear resistance.





Versatile

The PSS® 100 can be used with all conventional cylinder configurations, from a single 4.0 litre steel to Draeger's own manufacture twin 9.0 litre carbon fully wrapped cylinders* or, with a minor adjustment, Draeger's dedicated Twin Pack arrangement.

Lung Demand Value

The Plus Lung Demand Valve is positive pressure, first breath activated and extremely quiet in use. It features a 'switch off' button which is centrally positioned and contoured for easier location.

A wrap around silicone cover gives added impact protection and it is easy to service, clean and disinfect.

Safety

There are 2 options available to the customer for pressure and safety monitoring:

Standard Gauge incorporating mechanical pressure gauge with medium pressure driven whistle.

DraegerMan Bodyguard® II - an electronic monitoring unit combining the following features:

- Digital pressure reading
- Illuminated display
- Temperature reading
- Personal alarm (ADSU)
- Manual Panic alarm
- Automatic 'Time to Whistle' calculation
- Second LP (EOSTI) warning - flashing LEDs
- LP warning - medium pressure driven whistle
- IR Port for parameter maintenance and datalogging
- Datalogging
- Telemetry ready, for use with the DraegerMan PSS® Merlin™

* When used with optional Twin Pack Kit

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System Overview



DrägerMan PSS® 100 Bodyguard® II	3551450
DrägerMan PSS® 100 Bodyguard® II - Tally	3551515
DrägerMan PSS® 100 Bodyguard® II (France)	3551510
DrägerMan PSS® 100 Bodyguard® II (Italy)	3551512



DrägerMan PSS® 100	3551507
DrägerMan PSS® 100 (Germany)	3551508
DrägerMan PSS® 100 (France)	3551515
DrägerMan PSS® 100 (Japan)	3551514

DrägerMan Bodyguard® II - Tally mode	3550820
DrägerMan Bodyguard® II	3550821
IR Link II Software CD Kit	3551542



Panorama Nova P (EPDM)	R52972
Panorama Nova PE (M45 x 5) EPDM	R51492
Panorama Nova RA (M40) EPDM	R52850
Panorama Nova (Silicone)	R53070



F2 RA (EPDM)	R54692
F2 P (EPDM)	R54697
F2 RA (Silicone)	R54690
F2 P (Silicone)	R54694

Lung Demand Valve

Push in Short Hose	3538700
Push in Long Hose	3538701
M45, Short Hose	3538706
M45, Long Hose	3538707
M40 Normal Demand Short Hose	3550501
M40 Normal Demand Long Hose	3538710
M40 Normal Demand (1.75m Hose)	3550606

Accessories/Options

Personal Line Loop	3554968
Shoulder D Ring Loop	3555241
Airline Belt Manifold (for use with airline only)	3537600
Second LDV Connection	3537650
Female Decontamination Hose	
Decontamination Hose	3537652
Quick Release Male	
T Piece (for 2 x 6.8 Litre 300 bar carbon cylinders)	3537662
Inverted Y Piece (for 2 x 4.0 Litre 200 bar cylinders)	3539615
Twin Pack Kit (for 2 x 9.0 Litre 200 bar carbon cylinders)	3539126
LDV Retainer (Push In)	3539270



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.