

# DrägerMan PSS® 100

When flexibility is a necessity



# DrägerMan PSS® 100

## System Overview



DrägerMan PSS® 100 Bodyguard® II 5551450  
 DrägerMan PSS® 100 Bodyguard® II - Tally 5551515  
 DrägerMan PSS® 100 Bodyguard® II (France) 5551510  
 DrägerMan PSS® 100 Bodyguard® II (Italy) 5551512



DrägerMan PSS® 100 5551507  
 DrägerMan PSS® 100 (Germany) 5551508  
 DrägerMan PSS® 100 (France) 5551515  
 DrägerMan PSS® 100 (Japan) 5551514

DrägerMan Bodyguard® II - Tally mode 5550820  
 DrägerMan Bodyguard® II 5550821  
 IR Link II Software CD Kit 5551542

### Lung Demand Valve

Push in Short Hose 5558700  
 Push in Long Hose 5558701  
 M45, Short Hose 5558706  
 M45, Long Hose 5558707  
 M40 Normal Demand Short Hose 5550501  
 M40 Normal Demand Long Hose 5558710  
 M40 Normal Demand (1.75m Hose) 5550606



Panorama Nova P (EPDM) R52972  
 Panorama Nova PE (M45 x 5) EPDM R51492  
 Panorama Nova RA (M40) EPDM R52850  
 Panorama Nova (Silicone) R55070

### Accessories/Options

Personal Line Loop 5554968  
 Shoulder D Ring Loop 5555241  
 Airline Belt Manifold (for use with airline only) 5557600  
 Second LDV Connection 5557650  
 Female Decontamination Hose  
 Decontamination Hose 5557652  
 Quick Release Male  
 T Piece (for 2 x 6.8 Litre 500 bar carbon cylinders) 5557662  
 Inverted Y Piece (for 2 x 4.0 Litre 200 bar cylinders) 5559615  
 Twin Pack Kit (for 2 x 9.0 Litre 200 bar carbon cylinders) 5559126  
 LDV Retainer (Push In) 5559270



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

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ISO 9001  
 certified

The Quality Management system of Draeger Safety UK Limited is certified per BS EN ISO 9001 as well as by numerous organisations in many different countries.

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# 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, EN157 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

**PSS® 100, a breakthrough in harness ergonomics**

