

## Dräger PAS Micro Short duration self-contained breathing apparatus

Combining versatility, ease of use and the latest in breathing apparatus design, Dräger's PAS Micro is among the most technologically advanced short duration and emergency escape units available.



### **A back-mounted unit using a similar carrying system configuration as traditional harness designs.**

The Dräger PAS Micro is ergonomically designed to follow the natural contours of the back, increasing wearer comfort and stability during use.

The hose and pressure reducer have been integrated into the backplate, reducing the risk of snagging, protecting the pressure reducer and adding to the streamlined shape of the set.

The technology used in the development of this set is inherited from Dräger's advanced PSS® range of breathing apparatus, designed for professional fire fighters. The buckles used are designed to be easily located, even when wearing gloves, for quick adjustment, but follow the contours of the set to reduce the risk of snagging.

The harness has been constructed using an anti-static material inert to chemicals and oil, and impervious to most acids and alkalis. Benefiting from a high resistance to abrasion and heat, this new harness meets the requirements of EN 137-1 heat and flame resistance and is fully machine washable.

This material was chosen because of its flexibility and ability to retain its form and shape, in a wide range of temperatures. Its durability, ease of cleaning, resilience and strength means it is ideal for use in extreme conditions.

Depending on the requirements of the operation, this unit has been fully approved for use in applications requiring either; short duration entry units, airline emergency escape breathing apparatus, or dual function.

### **Short Duration Entry Unit (EN 137-1)**

Gauge and high pressure whistle warning units, sounding at 100 bar, are located at the waist to enable easy and regular checking during operation.

### **Airline Emergency Escape (EN 402) or Escape unit with Airline belt manifold (EN 402 / EN 14593-1:2005)**

When used independently or in conjunction with Dräger's PAS AirPack 1 or 2 Airline systems, for airline emergency escape breathing apparatus (EN 402), or dual function (EN 14593-1:2005). The pressure indicator is integrated into the cylinder valve to allow for easy periodical inspection. All units are approved to the latest versions of European Standards.



ST-3859-2003

**Dräger PAS Micro**  
A compact, back-mounted life saver.

## ORDER INFORMATION

## Dräger PAS Micro

Escape Unit - Approved to EN 402:2003	33 52 924
Escape Unit with Airline Belt Manifold - Approved to EN 402:2003 / EN 14593-1:2005	33 52 925
Short Duration Entry Unit - Approved to EN 137-1:2006	33 52 640

## Accessories

Airline Belt Manifold	33 52 438
Airline Belt Manifold complete with whistle warning unit	33 52 648
Low pressure warning whistle unit	33 52 358
Dräger PAS Automatic Switchover Valve for Dräger PAS Micro (for safe Airline operations)	33 54 141
2 Litre 200 bar cylinder cover	33 53 089
3 Litre 200 bar cylinder cover	33 53 090
2 Litre 300 bar cylinder cover	33 53 088
3 Litre 300 bar cylinder cover	33 53 091

## Cylinders and valve assemblies

2 Litre 200 bar (Aluminum) cylinder and valve assembly for escape use	33 52 689
3 Litre 200 bar (Steel) cylinder and valve assembly for escape use	33 52 690
2 Litre 300 bar (Carbon Composite) cylinder and valve assembly for escape use	33 52 688
3 Litre 300 bar (Carbon Composite) cylinder and valve assembly for escape use	33 52 687
3 Litre 200 bar (Steel) cylinder and valve for short duration entry use	33 52 684
2 Litre 300 bar (Carbon Composite) cylinder and valve for short duration entry use	33 52 683
3 Litre 300 bar (Carbon Composite) cylinder and valve for short duration entry use	33 52 682

## TECHNICAL DATA

Standard	EN 402:2003	EN 137-1:2006
Size (H x W x D) - Min (mm)	550 x 300 x 80	550 x 300 x 80
Size (H x W x D) - Max (mm)	650 x 300 x 80	650 x 300 x 70
Weight (kg)	2	2
Input Pressure Cylinder (bar)	200 or 300	200 or 300
Input Pressure Airline (bar)	6 - 9	6 - 9
Nominal 1st stage output Pressure (bar)	7	7
1st stage output Flow (l/min)	>600	>600
LDV Output flow (l/min)	>400	>400
Whistle activation pressure (bar)	*4 - 5	100
Whistle Sound Level (dBA)	*>90	>90
Whistle Frequency Range (Hz)	*2000 - 4000	2000 - 4000
Operating Temperature(°C)	-32 to +70	-32 to +70

\*Whistle for EN402 unit located as an option on the Airline belt manifold.

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