

## Dräger PAS Colt

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



**The very latest harness design and materials, accompanied by smaller, lightweight cylinders, make wearing this set easier and more comfortable.** The versatility allows it to be used effectively in applications and environments ranging from chemical spills and decontamination operations to routine maintenance tasks.

The Dräger PAS Colt is a hip-mounted unit with a distinctive, sophisticated harness design which retains its form, making it easy for the wearer to don the apparatus simply and quickly.

The procedure for donning the apparatus is evident at first glance, even to the inexperienced user, equipped, as an option, with a unique 'drop down' feature, whereby the cylinder can be un-clipped from the waistbelt, makes the Dräger PAS Colt ideal for use in confined space entry applications.

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 EN137 heat and flame resistant and is 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. The technology used in the development of this unit 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 unit to reduce the risk of snagging.



ST-3557-2003

**Dräger PAS Colt**  
A compact, hip-mounted life saver.

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 (EN137)

Gauge and high pressure whistle warning units, sounding at 55 bar, are located at the waist to enable easy and regular checking during operation.

#### Airline Emergency Escape (EN402) or Escape unit with Airline belt manifold (EN402 / EN139)

When used independently or in conjunction with Dräger's PAS AirPack 1 or 2 Airline systems, for airline emergency escape breathing apparatus (EN402), or dual function (EN139). The pressure indicator is integrated into the cylinder valve to allow for easy periodical inspection.



## ORDER INFORMATION

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### Dräger PAS Colt

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#### Escape unit - Approved to EN402

Carrying system to suit a 2 Litre 200 bar cylinder	33 52 761
Compatible 2 Litre 200 bar cylinder (Aluminum)	33 52 689
Carrying system to suit a 3 Litre 200 bar cylinder	33 52 744
Compatible 3 Litre 200 bar cylinder (Steel)	33 52 690
Carrying system to suit a 2 Litre 300 bar cylinder	33 52 778
Compatible 2 Litre 300 bar cylinder (Carbon Composite)	33 52 688

#### Escape unit with Airline Belt Manifold - Approved to EN402 / EN139

Carrying system to suit a 2 Litre 200 bar cylinder	33 52 626
Compatible 2 Litre 200 bar cylinder (Aluminum)	33 52 689
Carrying system to suit a 3 Litre 200 bar cylinder	33 52 413
Compatible 3 Litre 200 bar cylinder (Steel)	33 52 690
Carrying system to suit a 2 Litre 300 bar cylinder	33 52 627
Compatible 2 Litre 300 bar cylinder (Carbon Composite)	33 52 688

#### Short Duration Entry Unit - Approved to EN137

Carrying system to suit a 3 Litre 200 bar cylinder	33 52 634
Compatible 3 Litre 200 bar cylinder (Steel)	33 52 684
Carrying system to suit a 3 Litre 300 bar cylinder	33 52 920
Compatible 3 Litre 300 bar cylinder (Carbon Composite)	33 52 682
Carrying system to suit a 2 Litre 300 bar cylinder	33 52 635
Compatible 2 Litre 300 bar cylinder (Carbon Composite)	33 52 683

#### Airline Belt Manifold - Approved to EN139

Airline Belt Manifold with whistle warning unit / fixed plus Lung Demand Valve	33 52 942
Airline Belt Manifold without whistle warning unit / fixed plus Lung Demand Valve	33 52 941
Airline Belt Manifold with whistle warning unit / with Quick Release Coupling (product requires a Lung Demand Valve)	33 52 948
Airline Belt Manifold without whistle warning unit / with Quick Release Coupling (product requires a Lung Demand Valve)	33 52 947

#### Accessories

Leg Strap	33 53 281
Backpack carry bag	33 54 491
Airline Belt Manifold	33 52 564
Airline Belt Manifold complete with whistle warning unit	33 52 565
Plus Lung Demand Valve	33 38 700
PAS Automatic Switchover Valve for the PAS Colt (for safe Airline operations)	33 54 140

#### Cylinder 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	EN402	EN137
Size (H x W x D) - Min (mm)	790 x 500 x 70	550 x 500 x 70
Size (H x W x D) - Max (mm)	950 x 500 x 70	640 x 500 x 70
Weight (kg)	2	2.5
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	55 - 60
Whistle Sound Level (dBA)	*>90	>90
Whistle Frequency Range (Hz)	*2000 - 4000	2000 - 4000
Operating Temperature Range (°C)	-32 to +70	-32 to +70

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

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