

Dräger PAS Colt

Short Duration and Emergency Escape Air Units

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.



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.



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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HEADQUARTERS:
 Draeger Safety AG & Co. KGaA
 Revalstrasse 1
 29560 Lübeck, Germany

www.draeger.com

SUBSIDIARIES:

AUSTRALIA
 Draeger Safety Pacific Pty. Ltd.
 Access Corporate Park
 Unit 99, 45 Gilby Road
 Mt. Waverley, Vic 3149
 Tel +61 3 92 65 50 00
 Fax +61 3 92 65 50 95

CANADA
 Draeger Canada Ltd.
 7555 Danbro Crescent
 Mississauga,
 Ontario L5N 6P9
 Tel +1 905 821 89 88
 Fax +1 905 821 25 65

P. R. CHINA
 Beijing Fortune Draeger
 Safety Equipment Co., Ltd.
 Yu An Lu A 22, B Area
 Beijing Tianzhu Airport
 Industrial Zone
 Houshayu Shunyi District
 Beijing 101300
 Tel +86 10 80 49 80 00
 Fax +86 10 80 49 80-05

FRANCE
 Draeger Safety France SAS
 3c route de la Fédération,
 BP 80141
 67025 Strasbourg Cedex 5
 Tel +33 3 88 40 59 29
 Fax +33 3 88 40 76 67

USA
 Draeger Safety, Inc.
 101 Technology Drive
 Pittsburgh, PA 15275
 Tel +1 412 787 83 83
 Fax +1 412 787 22 07

MEXICO
 Draeger Safety S.A. de C.V.
 Av. Puertolas No. 5
 Bodega No. 37
 Fraccionamiento Industrial
 San Pedrito
 Querétaro, Qro México
 Tel +52 442 246-1113
 Fax +52 442 246-1114

NETHERLANDS
 Draeger Safety Nederland B.V.
 Edisonstraat 53
 2700 AH Zoetermeer
 Tel +31 79 344 46 66
 Fax +31 79 344 47 90

REP. OF SOUTH AFRICA
 Draeger South Africa (Pty) Ltd.
 P.O.Box 68801
 Bryanston 2021
 Tel +27 11 465 99 59
 Fax +27 11 465 69 53

SINGAPORE
 Draeger Safety Asia Pte. Ltd.
 67 Ayer Rajah Crescent # 06 03
 139950 Singapore
 Tel +65 68 72 92 88
 Fax +65 67 73 20 33

SPAIN
 Draeger Safety Hispania S.A.
 Calle Xaudaró 5
 28034 Madrid
 Tel +34 91 728 34 00
 Fax +34 91 729 48 99

UNITED KINGDOM
 Draeger Safety UK Ltd.
 Blyth Riverside Business Park
 Blyth, Northumberland
 NE24 4RG
 Tel +44 1670 352 891
 Fax +44 1670 356 266