

Personal Airline System PAS Colt



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

The PAS Colt is a Supplied Airline Respirator (Combination Pressure Demand, Type "C") with a 5 or 10-minute self-contained air cylinder for emergency use. The PAS Colt, is NIOSH approved for entry and escape, and may be used in the supplied air mode up to 300 feet or 12 hose length sections from the air source, whichever is greater.

The very latest harness design and materials, accompanied by lightweight cylinders, make wearing the ergonomically designed PAS Colt stable and 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 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 with a unique 'drop down' feature where the cylinder can be un-clipped from the waistbelt, makes the 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 resistance. This means that the unit operates trouble free over a temperature range of -22°F to 140°F and will self-extinguish within 5 sec after exposure to flame temperature of 1742°F plus or minus 122°F. The Colt also 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. The technology used in the development of this unit is inherited from Draeger's advanced PAS® 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. The buckles follow the contours of the unit to reduce the risk of snagging.

Should the airline supply fail for any reason, the escape cylinder would be employed by simply opening the cylinder valve. New to our SAR system is the optional Low Pressure Airline warning whistle which activates in the event that the incoming air pressure drops below safe levels.

The PAS Colt includes the versatile Draeger Panorama Nova full facepiece with triple sealing edges for a superior fit, and a speech diaphragm for clear communications. Three sizes in one mask is also compatible with other Draeger compressed air respiratory products.

TECHNICAL DATA

	5 Minute Colt	10 Minute Colt
Unit Profile Approximate	5.5" x 4.5" x 20" 13.97 x 11.43 x 50.8cm	5.75" x 4.75" x 22" 14.60 x 12.06 x 55.88 cm
Weight complete unit with mask without air (lbs)	10.0 pounds 4.53 kg	11.3 pounds 5.12 kg
Mask Body Material	EPDM or Silicone	EPDM or Silicone
Harness Material	Closed cell Ethylene Vinyl Acetate	Closed Cell Ethylene Vinyl Acetate
Airline Pressure (psig)	87 - 137	87 - 137
Cylinder Pressure (psig)	2216 Aluminum	3000 Hoop Wrap
Cylinder and Valve Weight - empty	4.7 lbs	5.5 lbs

ORDERING INFORMATION

COLT 5 Min 2216 psi Work Unit with Mask Hansen Brass	4057539
COLT 5 Min 2216 psi Work Unit w/o Mask Hansen Brass	4057540
COLT 10 Min 3000 psi AL Work Unit with Mask Hansen Brass	4057541
COLT 10 Min 3000 psi AL Work Unit w/o Mask Hansen Brass	4057542

Installed Options

Installed Silicone mask	4055475
Installed 5 Min 2216 psi AL Cyl with SCBA Valve	*4057543
Installed Colt LP SAR Alarm, Hansen Brass	4057538
Installed Colt/Micro Hansen Stainless SAR Plug	4057604
Installed Colt/Micro Snaptite SAR Plug	4057605
Installed Colt/Micro Schrader SAR Plug	4057606
Installed Colt/Micro CEJN SAR Plug	4057607
Installed Colt/Micro foster Stainless SAR Plug	4057608

*this option Installs Cylinder Part Number 4057549 on the Colt for 5-minute unit only.

Spare Cylinders

5 min 2216psi Aluminum Cyl. w/ Std. ALE Valve	4054744
5 min 2216psi Aluminum Cyl. w/ SCBA Valve	4057549
10 min 3000psi Hoop Wrap Cyl. w/ Std. ALE Valve	4054962

Storage/Carry Case

Case 5/10 minute 18.5 x 13.75 x 7.5" (47x35x19 cm)	4057541
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QUICK DISCONNECT COUPLINGS

Hansen Brass Socket and Union	4059247
Hansen Brass Plug and Nut	4059248
Hansen SS Socket and Union	4050835
Hansen SS Plug and Nut	4050836
Snaptite Socket and Union	4059251
Snaptite Plug and Nut	4059252
Schrader Socket and Union	4059249
Schrader Plug and Nut	4059250
Foster SS Socket and Union	4051993
Foster SS Plug and Nut	4051992
CEJN Socket and Union	4059253
CEJN Plug and Nut	4059254

LIGHT DUTY HOSE WITH THREADED CONNECTIONS

5' length (formerly 4059357)	4057757
25' length (formerly 4059061)	4057761
50' length (formerly 4059062)	4057762
75' length (formerly 4054854)	4057754
100' length (formerly 4059063)	4057763

HEAVY DUTY HOSE WITH THREADED CONNECTIONS

5' length	4059357
25' length	4059061
50' length	4059062
75' length	4054854
100' length	4059063

SUBSIDIARIES

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