

Aerotest Breathing Air Systems



Since 1937, when we introduced our first detector tube, Draeger has been the world leader in the detection and analysis of gases and vapors in the industrial workplace. Our leading edge technology has kept us in the forefront of advancements in monitoring breathing air in the high and low pressure ranges.

Draeger has expanded its line of Aerotest products for a wide variety of applications. For low pressure compressed breathing air, Draeger still has the time-tested Aerotest Type A. To save time, Draeger has introduced the Aerotest Simultan Alpha. This product can simultaneously measure Oil, CO₂, CO, and water vapor for low pressure units. For high pressure, the Aerotest Simultan HP can be used to simultaneously measure the same contaminants as the Alpha. A very similar application has been produced for the US navy called the Aerotest Navy. It meets the special requirements of the US Navy. Draeger has created a line of specialty

Aerotest systems for the health care, utilities, beverage, and other industries. These include the MultiTest, Aerotest Light SF6, and Simultan Test CO₂.

All of the Aerotest systems provide fast and accurate results while still meeting the specifications of air purity standards. Standards such as CGA Grade D and E, DIN 3188, NFPA 1500, CSA Z180.1-M85 and EN12021 can be fulfilled.

The Aerotest kits come with a certificate of conformance for either the flowmeter or the reducer's flow rate depending on your particular kit.

Aerotest Type A

The Aerotest Level A is the basic low pressure compressed breathing air kit.

Includes

Draeger-Tubes®, tube opener, tube holder, flow meter, timer, quick-disconnect hose, carrying case, and instruction booklet.



ORDER INFORMATION

Aerotest Type A

4054001

CONTAMINANTS DETECTED

Dräger-Tube®	Measuring Range	Part No.
Oil 10/a-P	0.1-10 mg/m ³	6728371
CO ₂ 100/a-P	100-3,000 ppm	6729521
CO 5/a-P	2.5-150 ppm	6728511
H ₂ O Vapor 5/a-P	5-250 mg/m ³	6728531

SPECIFICATIONS

Supply Pressure	Maximum 150 psi (10 bar)	
Flow	0.2 L/min and 2.0 L/min	
Connection	Hansen Plug	
Transport Case	Length	15.5 in (395 mm)
	Height	12.5 in (320 mm)
	Depth	7.5 in (191 mm)
	Weight	Approx. 7 lbs (3.2 kg)

Aerotest Simultan Alpha

For simultaneously measuring contaminants found in low pressure applications.

Includes

Draeger-Tubes®, tube opener, measuring device for tubes, timer, quick-connect coupling, pressure reducer, carrying case, and instruction booklet.



ORDER INFORMATION

Aerotest Simultan Alpha

4056747

CONTAMINANTS DETECTED

Dräger-Tube®	Measuring Range	Part No.
Oil 10/a-P	0.1-10 mg/m ³	6728371
CO ₂ 100/a-P	100-3,000 ppm	6729521
CO 5/a-P	2.5-150 ppm	6728511
H ₂ O Vapor 20/a-P	20-500 mg/m ³	8103061

SPECIFICATIONS

Supply Pressure	50 psig (3 bar) – 300 psig (12 bar)	
Flow	0.2 L/min and 4.0 L/min	
Connection	Barbed-Nipple with NPT-quick disconnect adapter	
Transport Case	Length	12 in (300 mm)
	Height	14 in (360 mm)
	Depth	3 in (80 mm)
	Weight	Approx. 4.5 lbs (2 kg)

Aerotest Simultan HP

For simultaneously measuring contaminants found in high pressure applications.

Includes

Draeger-Tubes®, tube opener, measuring device for tubes, timer, HP pressure reducer, CGA 347 male and female adapters, carrying case, and instruction booklet.



ORDER INFORMATION

Aerotest Simultan HP

4055986

CONTAMINANTS DETECTED

Dräger-Tube®	Measuring Range	Part No.
Oil 10/a-P	0.1-10 mg/m ³	6728371
CO ₂ 100/a-P	100-3,000 ppm	6729521
CO 5/a-P	2.5-150 ppm	6728511
H ₂ O Vapor 5/a-P	5-250 mg/m ³	6728531

SPECIFICATIONS

Supply Pressure	Maximum 4500 psi (300 bar)	
Flow	0.2 L/min and 4.0 L/min	
Connection	CGA 347 (female) connection to cylinder valve, CGA 347 (male) connection to compressor/filling station, (G 5/8" or INT)	
Transport Case	Length	12 in (300 mm)
	Height	14 in (360 mm)
	Depth	3 in (80 mm)
	Weight	Approx. 6.6 lbs (3 kg)

Aerotest Navy

The Aerotest Navy is designed for the special demands of military applications. It is a new development in Aerotest technology developed in conjunction with the US Navy.

Includes

Draeger-Tubes®, tube opener, measuring device for tubes, timer, HP pressure reducer, CGA 347 male and female adapters, accuro® Pump and spare parts kit, carrying case, and instruction booklet.



ORDER INFORMATION

Aerotest Navy

Part # 6525960

CONTAMINANTS DETECTED

Dräger-Tube®	Measuring Range	Part No.
Oil 10PN	5 mg/m ³	8103111
CO ₂ 100/a-P	100-3,000 ppm	6729521
CO 5/a-P	2.5-150 ppm	6728511
H ₂ O Vapor 20/a-P	20-500 mg/m ³	8103061

SPECIFICATIONS

Supply Pressure	Maximum 4500 psi (300 bar)	
Flow	0.2 L/min and 4.0 L/min	
Connection	CGA 347 (female) connection to cylinder valve, CGA 347 (male) connection to compressor/filling station, (G 5/8" or INT)	
Transport Case	Length	16 in (400 mm)
	Height	12 in (300 mm)
	Depth	3.4 in (91 mm)
	Weight	Approx. 8.8 lbs (4 kg)

MultiTest

The MultiTest analyzes the contaminant concentration of compressed medical gases in gas supply systems.

Includes

Dräger Tubes®, measuring device for 7 tubes, quick-connect-coupling, tube opener, timer, carrying case, and instruction booklet



Simultan Test CO₂

The Simultan Test CO₂ is used for monitoring Carbon Dioxide (CO₂) in the low pressure range.

Includes

Draeger-Tubes®, flow meter, accuro® Pump, tube opener, carrying case, and instruction booklet.



ORDER INFORMATION

MultiTest

4056181

CONTAMINANTS DETECTED

Dräger-Tube®	Measuring Range	Part No.
Oil 10/a-P	0.1-10 mg/m ³	6728371
CO ₂ 100/a-P	100-3,000 ppm	6729521
CO 5/a-P	2.5-150 ppm	6728511
H ₂ O Vapor 20/a-P	20-500 mg/m ³	8103061
Nitrous Gases 0.5/a	0.5-10 ppm	CH29401
Sulphur Dioxide 0.5/a	0.5-25 ppm	6728491
Hydrogen Sulphide 1/d	1-200 ppm	8101831

SPECIFICATIONS

Supply Pressure	75 psi (5 bar acc DIN 13260)	
Flow	0.2 L/min and 4.0 L/min	
Connection	Barbed nipple	
Transport Case	Length	15.7 in (400 mm)
	Height	11.8 in (300 mm)
	Depth	3.6 in (91 mm)
	Weight	Approx 6.6 lbs (3 kg)

ORDER INFORMATION

Simultan Test CO₂

4056849

CONTAMINANTS DETECTED

Dräger-Tube®	Measuring Range	Part No.
NH ₃ 2/a	0.6-9 ppm	6733231
NO _x 0.5/a	0.5-10 ppm	CH29041
PH ₃ 0.1/a	0.1-4 ppm	CH31101
CO 5/a-P	5-50 ppm	6728511
SO ₂ 0.5/a	1-25 ppm	6728491
H ₂ S 0.2/a	0.2-5 ppm	8101461
H ₂ O Vapor 5/a-P	5-250 mg/m ³	6728531

SPECIFICATIONS

Supply Pressure	Maximum 50 psi (3 bar)	
Flow	0.2 L/min and 4.0 L/min	
Connection	Barbed nipple	
Transport Case	Length	12 in (300 mm)
	Height	14 in (360 mm)
	Depth	3 in (80 mm)
	Weight	Approx 4.5 lbs (2 kg)

Aerotest Light SF6

The Aerotest Light SF6 is used for checking the quality of SF6 gas in gas shielded switchgears in power and industrial plants.

Includes

Dräger Tubes®, flow meter, accuro® Pump, tube opener, carrying case, and instruction booklet.



ORDER INFORMATION

Aerotest Light SF6

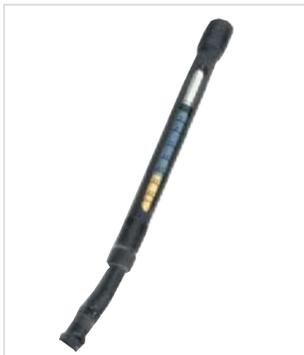
Part # 4056761

CONTAMINANTS DETECTED

Dräger-Tube®	Measuring Range	Part No.
SO ₂ 0.5/a	6728491	1-25 ppm
H ₂ O Vapor 0.1/a	8101321	0.05-1 mg/L

SPECIFICATIONS

Supply Pressure	Maximum 150 psi (10 bar)	
Flow	0.2 L/min and 2.0 L/min	
Connection	Dilo-coupling DN 8	
Transport Case	Length	12 in (300 mm)
	Height	14 in (360 mm)
	Depth	3 in (80 mm)
	Weight	Approx 5.3 lbs (2.4 kg)



Tube Holder



accuro® Pump

ACCESSORIES ORDER INFORMATION

Tube Holder	CH07000S
Deluxe Tube Opener	6400010
accuro® Pump	6400000
accuro® Pump Spare Parts Kit	6400220S



Deluxe Tube Opener



accuro® Pump Spare Parts Kit

Get the Draeger Advantage

The Draeger Advantage

Call us or visit our web site for more information on our comprehensive line of respiratory protection and gas detection products and services.

Warranty Information

All Draeger Safety, Inc's Aerotest kits come with a six month limited warranty. The non-transferable warranty covers the product from defects in material and workmanship under normal recommended use and service. A warranty registration card is included in the kit for owner to fill out.

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