

Emergency Response Products

Answering The Call

HazMat Response

Domestic Preparedness

Clandestine Labs

Detection and Protection



Emergency Response Products



Most Trusted

Draeger leads the way in detecting hazardous chemical agents and emergency response situations.



Draeger First Responders

In this increasingly complex world, we have become ever more dependent on the capabilities of our First Responders to quickly identify and react to emergency situations. In order to be effective, these personnel must be able to employ easy to use technologies that will provide accurate and unambiguous information in the shortest period of time. Draeger Safety, Inc. offers more innovative gas detection technology options than anyone else, allowing the people who put their lives on the line, and those they are trying to protect, to remain safe.



Draeger Safety is the world leader in the identification and quantification of unknown gases, vapors and aerosols in the air. Our unequaled expertise in this field comes as a result of over 60 years experience in the production of our famous line of detector tubes. Draeger manufactures over 200 different kinds of Draeger-Tubes® capable of identifying and measuring well over 1000 chemicals.

We have used our technical expertise to create unique products and kits for the emergency response market that are unparalleled in their utility, ease of use and accuracy for quickly characterizing the effects of leaks, spills, chemical accidents and fires or deliberate acts of terror. All Draeger Response Kits are provided in rugged carrying cases with custom foam inserts to protect the contents. Many kits have commonality among sampling components and techniques that allow the user to enhance standard configurations and maximize gas detection options without the purchase of new equipment.

Emergency Response Products



Simultest Sets

One of the primary advances in Dräger-Tube® technology that allows for fast, accurate identification of chemical substances is the Simultest Set. In this configuration, Draeger uses specially calibrated 5-tube sets manifolded so that all tubes are sampled at the same time. This is possible because the tubes are dynamically balanced to have the correct sample volume pass through each tube during the required sampling procedure. Simultaneous testing greatly reduces the amount of time required to determine toxic chemical levels in an emergency response situation. All Draeger Response Kits that use this technology exhibit the following features and benefits:

- Low cost compared to electronic devices
- No power supply required
- On the spot results in five minutes or less
- No warm up time
- No calibration
- Simple operation
- No filters to replace



Civil Defense Simultest (CDS) Kit

In responding to a potential terrorist attack where chemical weapons may have been used, immediate and accurate detection of toxic agents is critical. The Draeger Civil Defense Simultest (CDS) Kit features the two CDS Sets I and V, which are simultaneous test sets for the detection of various nerve, blood, lung, nose and throat irritating agents. The CDS Sets are capable of detecting up to eight different chemical agent groups in under five minutes.

Extensive government sanctioned testing proved the validity of this technology. Other analytical devices tested such as flame ionization detectors (FID) and photo ionization detectors (PID) were found to have significant calibration and sensitivity issues from environmental factors like vehicle exhaust fumes. DrägerTubes® performed well in all tests and results were consistent. The interferences did not affect their performance.



HazMat Simultest Kit

The Draeger HazMat Simultest Kit is based on HazMat Simultest Sets I, II and III. These specially developed and calibrated 5-tube sets are used to detect gases and vapors commonly encountered during a chemical leak or spill. Each semi-quantitative test takes one minute or less to conclude, therefore the complete testing time to identify and measure 15 chemicals or chemical families is less than 5 minutes. Like all Draeger Response Kits, the HazMat Simultest has easy to read, full color laminated instruction cards that summarize the simple sampling procedure and provide a quick reference for interpretation of color changes in the tube sets. The Kit also includes an Air Current Kit to determine relative air speed and direction and has room for supplemental short-term detector tubes to better define concentrations and limits of affected areas for the now identified substance. Sets I and II can also detect the gases and vapors generated as the result of a structural fire.

The Simultest Sets found in the Hazmat Simultest and CDS Kits can be combined in special "hybrid" kits that exhibit maximum gas detection capabilities. Any of the Kits that use Simultest Sets can also utilize the Quantimeter, an intrinsically safe automatic sampling pump for additional sampling utility.

Sampling Kits



Clan Lab Simultest Kit

As the problem of methamphetamine production in clandestine labs continues to grow, more First Responders and law enforcement personnel are being put into situations where they must be able to ensure their safety from potentially toxic, corrosive or explosive conditions. Exposure to the chemicals found in the discovery and clean up of a clan lab can cause both short and long-term health effects.

Draeger has developed another 5-tube simultaneous test set that identifies the presence of chemicals commonly found in the major production methods of methamphetamine. This Clan Lab Simultest Set allows the user to quickly determine the degree of exposure to target chemicals found on site and confirm the appropriate level of respiratory protection required.



HazMat Kit

Draeger Safety continues to provide our standard HazMat Kit, which remains popular among numerous responders in North America. The HazMat Kit uses individual boxes of short term Draeger-Tubes (17 boxes are provided in the standard Kit) and a sampling matrix to perform systematic testing that provides specific quantitative information on unknown substances.



CMS Emergency Response Kit

The incorporation of the CMS (Chip Measurement System) technology into emergency response hazardous gas and vapor determination is a natural fit for the unique features of this new gas detection alternative. The CMS uses a combination of reagent chemistry in chemical specific measurement chips and an electronic analyzer to provide a system of unequalled accuracy and ease of use. An easy to read LCD display prompts the user through the simple "1-2-3" operating sequence, which is the same for any of the over 50 Chips. There are ten tests on each of the ten pre-selected Chips provided with the Kit. The Kit can also be purchased without Chips so the user can customize it to their specific needs. Test results are generally available on-site within 1-2 minutes, allowing responders to react quickly.

The CMS Analyzer features a data recording system that stores up to 50 measurement values for recall and evaluation. The Emergency Response Kit also features remote sampling capability.

Portable Instruments



Portable instruments provide continuous monitoring of known substances, along with a digital display and audible and visual alarms. Draeger Safety manufactures a line of tough, lightweight single and multi-gas monitors that offer remarkable detection capabilities for emergency response applications. These instruments all offer simple three-button operation, easy to use plain language menus, environmentally resistant, ergonomic housings and low maintenance and calibration requirements.

Draeger portable instruments utilize the advanced Dräger-Sensor® XS technology. This line of over 30 different electrochemical "smart" sensors, capable of detecting and monitoring well over 50 substances, are easily and quickly interchangeable. This means that even the rugged Draeger Pac III single gas monitor offers tremendous flexibility in meeting your requirements. You can simply plug in a new toxic gas sensor when ready to move to a new application.

The MiniWarn and Multiwarn II multi-gas monitors combine the toxic gas sensors with oxygen and combustible gas measurement. The Dräger-Sensor® Cat Ex is very well suited for hazardous response because it is capable of measuring a wide range of combustible gases, including heavier fuels and solvents. These versatile instruments can meet a wide range of response applications, and with the XS sensor line offering the longest warranties in the industry, the cost of ownership can't be touched by other units.



AirBoss Evolution

More Than Detection

Draeger Safety is a world leader in the provision of a complete line of respiratory protection products. From disposable dust masks and a full selection of face masks and filters to supplied air respirators and emergency escape hoods for fire and NBC events, Draeger products allow you to breathe safely while performing your job.

Fire fighters, industrial workers and HazMat Responders enjoy the comfort of the Draeger Self Contained Breathing Apparatus (SCBA). The AirBoss Evolution and the PSS-100 are highly ergonomic SCBAs that offer a wide variety of configurations and options to meet your needs and budget. Select from cylinder durations of 30, 45 or 60 minutes, airline connections, buddy breathers, state of the art communications systems, low pressure warning systems and much more.



The Draeger BG-4 is a closed circuit breathing apparatus that has an operating duration of 4 hours. The long duration provided by the BG re-breather technology makes this apparatus particularly well suited for long-term work requirements in hazardous and toxic atmospheres where quick access and egress is difficult.

Draeger Safety is represented by a large network of Authorized Distributors to answer all your questions and provide support to this wide range of detection and protection technologies. We encourage you to contact your local representative or us directly with inquiries about any of our products.



Emergency Response Products

Description	Order Number
Civil Defense Simultest (CDS) Kit	6400565S
CDS Kit with Quantimeter 1000 and Charger	4056570
CDS/HazMat Kit	4056665
CDS/HazMat Kit with Quantimeter 1000 and Charger	4056528
Civil Defense Simultest Set I (for detection of S-Mustard, Phosgene, Hydrogen Cyanide, Lewisite, N-Mustard)	8103140
Civil Defense Simultest Set V (for detection of Nerve Agents, Chlorine, Phosgene, Cyanogen Chloride, S-Mustard)	8103200
Training Set for Civil Defense Simultest Set I	8103230
Training Set for Civil Defense Simultest Set V	8103240
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HazMat Simultest Kit	4056098
HazMat Simultest Set I (for detection of Acid Gases, Basic Gases, Carbon Monoxide, Hydrocyanic Acid, Nitrous Gases)	8101735
HazMat Simultest Set II (for detection of Carbon Dioxide, Chlorine, Hydrogen Sulfide, Phosgene, Sulfur Dioxide)	8101736
HazMat Simultest Set III (for detection of Alcohols, Aliphatic Hydrocarbons, Aromatics, Chlorinated Hydrocarbons, Ketones)	8101770
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Clan Lab Simultest Kit	4056562
Clan Lab Simultest Set (for detection of Phosphine, Phosgene, Ammonia, Hydrochloric Acid, Iodine)	8103310
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HazMat Kit	4054208
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CMS Emergency Response Kit (includes Chips for measurement of Ammonia, Carbon Dioxide, Carbon Monoxide, Chlorine, Hydrochloric Acid, Hydrogen Sulfide, Nitrous Gases, Perchloroethylene, Petroleum Hydrocarbons, Sulfur Dioxide)	4055711
CMS Emergency Response Kit without Chips	4055976
CMS Emergency Response Case with Foam Inserts	4055979

Training

This extensive line of Draeger gas detection equipment and systems is supported by a comprehensive assortment of easy to use and understand training packages including operator Training CDs and "live action" computer based training.

Description	Order Number
Civil Defense Simultest Training CD	4056666
CMS Training CD	4056637
HazMat Simultest Training CD	4056561
Clan Lab Simultest Training CD	4056657

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The Draeger Quality System has been registered to ISO 9001.

Represented By: