



# The MMST System Information Bulletin

October 1998



## DOMESTIC PREPAREDNESS TRAINING UPDATE

In this issue of the bulletin, the Research Planning, Inc. (RPI), Metropolitan Medical Strike Team (MMST) Support Team provides additional information regarding the **National Domestic Preparedness Consortium**. We have also provided updated information regarding the availability of training at **The Department of Justice (DOJ) Center for Domestic Preparedness**, located at Fort McClellan, AL.

For your use, we have also included information on developments in the areas of equipment and specialized pharmaceuticals, conferences, and general topics of relevance to your MMST System Development and planning efforts. We hope you find the following information useful.

The Texas Engineering and Extension Service (TEEX) Fire and Rescue Training Center has developed a brochure that describes the purpose, goals, and approach taken by the **National Domestic Preparedness Consortium** as it prepares to deliver domestic preparedness training for weapons of mass destruction (WMD)/terrorism response to the nation's first responder community. The brochure further identifies the member agencies of the Consortium. For your use, the RPI Team has included a copy of the brochure with this issue of the bulletin.\*

For additional information, please refer to:  
[www.fpicampb@teexnet.tamu.edu](mailto:www.fpicampb@teexnet.tamu.edu)

Or, to communicate directly with the TEEX facility, please contact:

The TEEX Fire and Rescue Institute  
College Station, TX  
Chief Rick Tye at (409) 845-3004

*\*Due to circumstances beyond their control, the **DOJ Center for Domestic Preparedness** has found it necessary to revise the schedule for courses originally scheduled to begin in calendar year 1999. According to the Center's Training Director, Mr. Bob Baker, the revised schedule is expected to be available in mid-November. We hope that the revised schedule will be available for distribution with the November bulletin.*

To arrange for attendance at a course offered at the Center, contact your State-level Emergency Management Agency, Training Office/Officer.

For additional information regarding course scheduling and availability for the remainder of calendar year 1998, please contact:

The Center for Domestic Preparedness  
Training Director, Mr. Bob Baker  
(256) 848-4139

## EQUIPMENT INFORMATION

The RPI Team continues to expand and strengthen its association with equipment manufacturers and vendors. Various companies offering equipment or services that may be useful to MMST System Development or in a MMST System response have contacted us. In our effort to continue "Sharing the Knowledge," it is our pleasure to pass this information on to our MMST System Development cities.

In this section we have provided a synopsis of the information we have received, along with contact information (i.e., vendor/manufacturer point of contact, telephone numbers, and, where applicable, E-mail or Web addresses). You may also find attached, where indicated, copies of the data sheets we have received on the products or services offered.

We are distributing this information to assist you in your MMST System Development and Equipment Identification process; however, the RPI Team reminds all recipients of this bulletin that no recommendations or endorsements are made or implied.

### **Personal Protective Equipment (PPE)**

The Du Pont Company has updated the information in their TYCHEM Chemical Permeation Database. The Chemical Permeation Database is provided as a service to users of Du Pont TYCHEM protective apparel fabrics.

The information in the database reflects laboratory performance of TYCHEM **fabrics, not complete**

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**garments**, under the controlled conditions of ASTM F739 "Test Method for Resistance of Protective Clothing Materials to Permeation by Liquids and Gases." All permeation tests were conducted with pure chemicals at standard pressure and temperature, unless otherwise specified.

Anyone intending to use this information should first verify that garments manufactured from these fabrics are suitable for the intended use.

Seams, seals, and closures may have higher permeation rates than the fabric.

The garment manufacturer should be contacted for specific data. The Du Pont Company wishes to remind everyone that it is the user's responsibility to determine the level of toxicity in a particular situation AND TO SELECT THE PROPER PPE NEEDED.

According to information received by the RPI Team, the revised database indicates that, as of May 1997, TYCHEM 9400 and TYCHEM 10,000 fabrics are the only two TYVEK-based TYCHEM fabrics that have successfully undergone chemical warfare agent permeation testing.

To obtain a copy of the revised test data or to request additional information, please contact:

The Du Pont TYFAX Data Service  
(800) 448-9835

Fume Free, Inc., announces the availability of the QuickMask®, Series III Mask. The Series III is a negative-pressure, National Institute of Occupational Safety and Health (NIOSH)-approved and High Efficiency Particulate Air (HEPA) certified, single canister, Air Purifying Respirator (APR) that affords the user full-face coverage and respiratory protection from WMD/NBC threat agents.

For additional specifications of the Series III, see the attached information sheets. For information regarding availability, ordering, etc., please contact:

Fume Free, Inc., Stuart, FL  
Mr. Todd Resnick at (561) 221-4624

## Agent Detection and Identification

Being cognizant of the needs of the first responder community, Draeger Safety, Inc., has announced the availability of the Civil Defense System (CDS) kit. Utilizing proven colormetric detector tube technology, Draeger Safety, Inc., has prepackaged all the components required to conduct point or area vapor testing to detect and identify chemical warfare agent vapor.

The CDS kit requires no external power supply to operate and has no warmup time or calibration requirement prior to use. The kit combines simplicity of use and rapid indication of the presence of select chemical warfare agent vapor in the atmosphere being sampled.

For additional information on the CDS kit, or other Draeger Safety, Inc., products, please see the attached brochure. For information regarding availability and pricing, refer to [www.draeger.com](http://www.draeger.com) or contact your local Draeger Safety products distributor, or contact Draeger Safety, Inc., Pittsburgh, PA, at (800) 922-5518.

## Pharmaceuticals

Courtesy of Dr. Frannie Winslow, city of San Jose, CA, Office of Emergency Services Director, the RPI Team forwards information regarding commercial, non-military sources of supply for potassium iodine (KI) in tablet form. As you already know, the administration of inert iodine (KI) as soon as possible after exposure to radioiodine blocks the uptake of radioiodine by the thyroid gland. The necessity of including this item on the MMST pharmaceuticals list cannot be understated. The two sources of supply are:

- (1) Wallace Laboratories, a Division of Carter-Wallace, Inc.

Wallace Laboratories offers "Thyro-Block" Potassium Iodine in 130mg tablet form. "Thyro-Block" is available by the case only; each case contains 100 bottles of the product with each bottle containing 14, 130mg tablets.

Wallace Laboratories have informed the RPI Team that the "Thyro-Block" product has a 5-year shelf life from time of manufacture. The current stock on hand at Wallace Laboratories

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will expire in October 2001. For additional information from the manufacturer regarding product availability and pricing, please contact:

Wallace Laboratories, Cranbury, NJ  
Ms. Sue Wood at (609) 655-6147

- (2) A variant product, potassium iodate (Kio3), is produced by Eversco, Ltd., of Rhinelander, WI.

Available through Medical Corps, a privately owned firm in Caldwell, OH, the product is marketed as "Medical Corps, Potassium Iodate," and comes in bottles of 100, 150mg chewable tablets. According to Mr. Ralph Fenwick of Medical Corps, the "Medical Corps, Potassium Iodate" product is as effective as potassium iodine at blocking the uptake of radioiodine by the thyroid gland, with the additional advantage of long-term storage shelf life.

For additional information regarding availability or pricing of this product, please refer to

[www.americanfamilynetwork.com](http://www.americanfamilynetwork.com) or  
[www.medicalcorps.org](http://www.medicalcorps.org)

Or contact:

American Family Network, Beaverton, OR  
(800) 668-8181

Or

Medical Corps, Inc., Caldwell, OH  
Mr. Ralph C. (Chuck) Fenwick at (740) 732-5497

The RPI Team extends its gratitude to Dr. Winslow in San Jose for "Sharing the Knowledge."

## GENERAL INFORMATION

DOJ has announced the award of approximately \$12 million to 41 jurisdictions under the DOJ, Office of Justice Programs (OJP), State and Local Domestic Preparedness Equipment Support Program. The selected jurisdictions may use the funds to acquire emergency response equipment required by Fire/Emergency Medical Services

(EMS), Hazardous Material (HAZMAT) Response Units, and Law Enforcement agencies.

We have provided for your use, a copy of the DOJ press release, which includes a list of the jurisdictions selected to receive funds. The RPI Team offers its congratulations to those jurisdictions receiving funds under the grant program.

For additional information regarding the DOJ/OJP, please refer to the OJP Web site at [www.ojp.usdoj.gov](http://www.ojp.usdoj.gov).

The Department of Defense (DoD), through Secretary of Defense William S. Cohen, has announced the locations of the 10 cities that will serve as the home base for 10 specially trained and equipped National Guard Rapid Assessment and Initial Detection (RAID) Teams. The RAID Teams will consist of 22 full-time National Guardsmen, specially trained and equipped to provide rapid assistance upon request by the State or Federal Government to first responders in a WMD event.

We have included for your use, a copy of the DoD press release that identifies the cities selected to receive the teams. For additional information on the National Guard RAID Teams, please refer to [www.defenselink.mil](http://www.defenselink.mil).

## DOMESTIC PREPAREDNESS TRAINING AND EXERCISE PROGRAM

The training and exercise program is a vital part of the learning process, and we invite your support of this column as an excellent means of "Sharing the Knowledge."

The cities of Jacksonville, FL, and Baltimore, MD, have each completed a Domestic Preparedness Program (DPP) exercise. We trust everything went according to plan and offer our congratulations to Jacksonville and Baltimore. As we all know, a tremendous amount of planning and effort goes into these exercises. We further hope that as the After-Action Reports (AARs) are reviewed and completed, there will be a sharing of "lessons learned" as a result of these exercises with our other MMST System Development cities.

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## WEB SITES OF INTEREST

**The National Domestic Preparedness Consortium**

<http://www.fpicampb@teexnet.tamu.edu>

**The DuPont Protective Apparel Web Page**

<http://www.dupont.com/Tyvek>

**The Chemical and Biological Arms Control Institute**

<http://www.pressroom.com/~cbaci>

**Federation of American Scientists, Biological (and Chemical) Weapons Web Resources**

<http://www.fas.org/bwc/bwcweb.html>

**Tulane University School of Medicine, Department of Microbiology and Immunology**

<http://www.tulane.edu/~dmsander/garryfavwebbw.html>

## LIST OF ATTACHMENTS

National Domestic Preparedness Consortium Information Brochure

Fume Free, Inc., QuickMask®, Series-III specifications

Draeger Safety, Inc., CDS kit brochure

Medical Corps potassium iodate tablet information

DOJ press release, announcing the of jurisdictions selected to receive OJP grant money

DoD press release announcing National Guard RAID Team locations



**NEWS RELEASE**  
OFFICE OF ASSISTANT SECRETARY OF DEFENSE  
(PUBLIC AFFAIRS)  
WASHINGTON, D.C. 20301

No. 512-98  
(703)695-0192(media)  
(703)697-5737(public/industry)

**IMMEDIATE RELEASE**

October 1, 1998

**WEAPONS OF MASS DESTRUCTION RESPONSE TEAM LOCATIONS  
ANNOUNCED**

Secretary of the Defense William S. Cohen announced today, along with 10 state governors, the specific locations of the 10 National Guard Rapid Assessment and Initial Detection, or RAID, teams being established during the next fiscal year. The teams are part of the Department of Defense's overall efforts to support local, state and federal civil authorities in the event on an incident involving weapons of mass destruction, or WMD, on U.S. soil.

Following the state selection announced on May 22, 1998, each state developed and submitted recommendations to Secretary of the Army Louis Caldera for the specific location of the teams within the state. Caldera has approved these locations for these new 22-member full-time National Guard teams: They are:

- Los Alamitos, Calif.
- Aurora, Colo. Marietta, Ga. - Dobbins Air Reserve Base

Peoria, Ill.

Natick, Mass.

Fort Leonard Wood, Mo.

Scotia, N.Y. - Stratton Air National Guard Base

Fort Indiantown Gap, Pa.

Austin, Texas

Tacoma, Wash.

Stationing decisions were made based upon criteria established by the Department of the Army and provided to the states. Criteria were designed to make the most of existing facilities and to ensure maximum coverage of the large metropolitan areas in each of the 10 Federal Emergency Management Agency regions.

The RAID Teams will assist emergency first responders. Upon request, they can be sent by the state or the federal government to respond to a suspected or actual WMD attack, assess the situation, advise the local incident commander and speed the flow of requested Department of Defense people, equipment and services to aid in relieving the effects of such an event. The National Guard RAID teams form the "tip of the military spear" in responding to domestic WMD use.

During Fiscal Year 1999, Guardsmen and women selected for the RAID teams will undergo rigorous training to increase the support they can provide to local emergency first responders. Following 15 months of individual and unit training, the teams will be evaluated for operational certification.



## U.S. Department of Justice

# Office of Justice Programs

# NEWS

### 41 Jurisdictions Receive Nearly \$12 Million to Combat Domestic Terrorism

WASHINGTON, Sept. 18 /PRNewswire/ -- The Justice Department today awarded 41 localities approximately \$12 million to help them acquire personal protective, chemical/biological detection, decontamination and communications equipment for response to terrorist incidents. The State and Local Domestic Preparedness Equipment Support Program is administered by the Justice Department's Office of Justice Programs (OJP).

"The first hours of a terrorist attack are critical," said Attorney General Janet Reno. "This equipment will help local emergency personnel save lives, right there on the front line."

Localities may use funding to purchase emergency response equipment required by fire, emergency medical services, hazardous materials response units and law enforcement agencies. Due to the limited funding available for Fiscal Year 1998, eligibility was restricted to the nation's 120 largest counties and cities.

"We recognize that the threat of a terrorist attack on America's communities is not only frightening, but very real," said Laurie Robinson, Assistant Attorney General for the Office of Justice Programs (OJP). "Providing the necessary funding to localities to better protect themselves from such attacks is a top priority of the Justice Department, the Attorney General and the entire Administration."

Grant applications submitted needed to reflect the jurisdiction's prioritized equipment needs for first-responder agencies. In keeping with the comprehensive approach of OJP's and the Department's domestic preparedness initiative, first responders receiving equipment under this program will also receive training on the use of that equipment.

The State and Local Domestic Preparedness Equipment Support Program was developed in coordination and cooperation with the Federal Bureau of Investigation's (FBI's) Weapons of Mass Destruction Counter-Terrorism Center and the Federal Emergency Management Agency (FEMA). This program is just one part of an overall government-wide effort to enhance the capabilities of state and local jurisdictions to plan for and respond to acts of terrorism.

To obtain additional information about the Office of Justice Programs (OJP) or its other bureaus and programs, visit the OJP Web site at <http://www.ojp.usdoj.gov>.

Following is a list of the 1998 State and Local Domestic Preparedness Equipment Support Program grant recipients.

#### Office of Justice Programs

#### State and Local Domestic Preparedness Equipment Support Program

#### Fiscal Year 1998 Grant Recipients

STATE	GRANT RECIPIENT	LOCAL CONTACT	FY 98 AWARD
Arizona	City of Phoenix, Phoenix, AZ	David Smithwick 602-261-8502	\$440,915
California	City of Los Angeles,	C.G. Roper	497,25

	Los Angeles, CA	213-485-4011	
California	City of San Diego, San Diego, CA	Michael T. Uberuaga 619-236-5941	500,00
California	City of San Jose, San Jose, CA	Frances E. Winslow 408-277-4595	250,00
California	County of San Joaquin, Stockton, CA	Ronald E. Baldwin 209-468-3962	133,75
California	Los Angeles County Board of Supervisors, Monterey Park, CA	Margie V. Gomez 213-526-5408	498,98
California	San Francisco City and County Office of the Mayor, San Francisco, CA	John F. Brown 415-554-9966	135,97
California	San Mateo County Board of Supervisors, Redwood City, CA	William Lent 650-363-4366	249,94
Colorado	City and County of Denver, Denver, CO	Garry Graham 303-640-2616	144,50
Florida	City of Jacksonville, Jacksonville, FL	Robert M. Patterson 904-630-2472	246,52
Florida	County of Broward, Fort Lauderdale, FL	Glenn Margoles 954-831-3933	494,11
Florida	County of Metro-Dade Miami, FL	Chuck Lanza 305-273-6707	500,00
Florida	Hillsborough County Board of County Commissioners, Tampa, FL	Wade DeHate 813-272-6600	250,00
Florida	Orange County Board of Commissioners Orlando, FL	William Sturgeon 407-317-7506	250,00
Florida	Palm Beach County, West Palm Beach, FL	Randy Sheppard 561-233-0010	249,48
Georgia	County of Cobb, Marietta, GA	Ted McClung 770-528-8000	117,68
Illinois	Lake County, Waukegan, IL	Terry Mastandrea 847-540-5070	149,30
Indiana	City of Indianapolis, Indianapolis, IN	Stephen Robertson 317-327-3900	250,00
Maryland	City of Baltimore, Baltimore, MD	Gary E. Frederick 410-396-7544	214,05
Maryland	Montgomery County, Rockville, MD	Theodore L. Jarboe 301-217-2560	249,91
Maryland	Prince George's County, Upper Marlboro, MD	Ronald J. Siarnicki 301-883-5200	250,00
Michigan	City of Detroit, Detroit, MI	Ronald Naumann 313-596-2921	500,00

Missouri	County of St. Louis, Clayton, MO	Robert C. Young 314-469-3141	494,55
Missouri	Jackson County, Kansas City, MO	Marlene Nagel 816-474-4240	250,00
New Jersey	County of Middlesex, New Brunswick, NJ	Richard F. Kozub 732-727-6626	249,29
New Jersey	Union County, Elizabeth, NJ	Ben Laganga 908-654-9881	147,53
New York	New York City Office of the Mayor, New York, NY	Steven Kuhr 212-442-9260	499,79
New York	Suffolk County, Hauppauge, NY	Joseph C. Michaels 516-853-4027	499,90
New York	Westchester County, White Plains, NY	Louis J. Liberatore 914-741-4235	250,00
Ohio	Board of Lucas County Commissioners, Toledo, OH	William S. Halsey 419-245-0662	147,50
Ohio	City of Cleveland Office of the Mayor, Cleveland, OH	William M. Denihan 216-664-2200	149,89
Ohio	City of Columbus Office of the Mayor, Columbus, OH	Mike Fultz 614-645-7391	250,00
Ohio	Hamilton County Board of Commissioners, Cincinnati, OH	Don Maccarone 513-851-7080	250,00
Oklahoma	County of Tulsa, Tulsa, OK	David Tillotson 918-596-5631	149,99
Tennessee	County of Shelby, Memphis, TN	Mike Molder 901-385-5127	250,00
Texas	City of Austin, Austin, TX	Steve Collier 512-370-8800	150,00
Texas	County of Tarrant, Fort Worth, TX	Lisa McMillan 817-884-2643	500,00
Virginia	Fairfax County, Fairfax, VA	Larry Johnson 703-246-2549	249,75
Washington	City of Seattle, Seattle, WA	A. Dennis Vickery 206-386-1400	150,00
Washington	King County, Seattle, WA	Shad Burcham 206-205-8106	499,65
Wisconsin	City of Milwaukee, Milwaukee, WI	Gloria Murawsky 414-296-8982	147,44
TOTAL			\$11,857,72

Office of Justice Programs  
State And Local Domestic Preparedness Equipment Support Program  
Fact Sheet

The State and Local Domestic Preparedness Equipment Support Program, established in Public Law 105-119, is administered by the Justice Department's newly created Office for State and Local Domestic Preparedness Support (OSLDPS) in the Office of Justice Programs (OJP). Congress appropriated \$12 million in Fiscal Year 1998 for grants to state and local governments to acquire personal protective, chemical/biological detection, decontamination, and communications equipment.

The Office of Justice Programs is providing funding to metropolitan jurisdictions to purchase certain types of emergency response equipment needed by fire services, emergency medical services, hazardous materials response units, and law enforcement agencies to respond to a terrorist incident involving nuclear, chemical or biological weapons or improvised explosive or incendiary devices. This program is part of an overall government-wide effort to enhance the capabilities of state and local jurisdictions to plan for and respond to acts of terrorism. OJP is coordinating its efforts with the Federal Bureau of Investigation (FBI) and the Federal Emergency Management Agency (FEMA).

Due to limited funding available for Fiscal Year 1998, eligibility was restricted to the nation's 120 largest counties and cities, which were targeted by OJP's first responder training program. Of the 120 eligible jurisdictions, 84 applied and 41 jurisdictions are receiving grants.

Each applicant was asked to review the equipment already on hand within its jurisdiction, and then demonstrate a need for additional equipment. Applicants were required to describe any previous support they may have received from the Department of Defense (DOD) or the Department of Health and Human Services (HHS). In addition, each jurisdiction had to address specific goals and objectives it would like to achieve through the equipment procurement project, discuss its implementation and evaluation plan, and present the project management structure that will be used to oversee the administration of grants funds.

\* OJP and its component agencies' press releases are available for use without restriction.

OSLDPS 98-205

SOURCE Office for State and Local Domestic Preparedness Support

Web site: <http://www.ojp.usdoj.gov>

CONTACT: Office for State and Local Domestic Preparedness Support, 202-307-0703; or after-hours, James Phillips, pager, 888-582-6753

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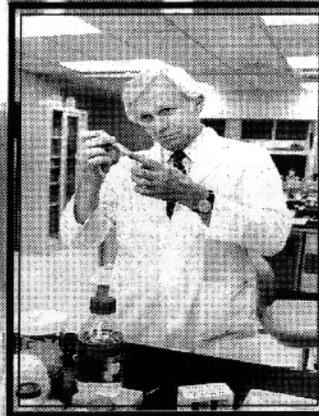
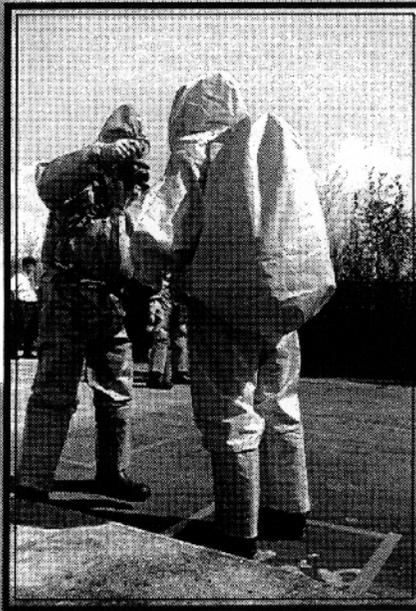
**Bureau of Justice Assistance • Bureau of Justice Statistics  
Office of Juvenile Justice and Delinquency Prevention  
National Institute of Justice • Office for Victims of Crime**

## Consortium Members

- Energetic Materials Research & Testing Center New Mexico Tech
- National Center for Bio-Med Research & Training Louisiana State University
- National Center for Domestic Preparedness Ft. McClellan, Alabama
- TEEEX / National Emergency Response & Rescue Training Center Texas A&M University System
- National Exercise, Test & Training Center Nevada Test Site

## Consortium Goal

To provide a focused, threat-responsive, long-term national capability to execute and sustain a comprehensive and coordinated domestic WMD emergency responder education, training, test and exercise program.



### National Domestic Preparedness Consortium

(409) 845-3004

[fpjcampb@teexnet.tamu.edu](mailto:fpjcampb@teexnet.tamu.edu)

# Preparing Domestic Emergency Responders for WMD Terrorism

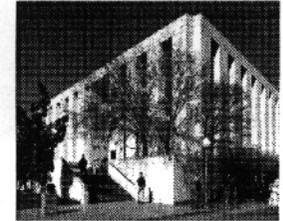
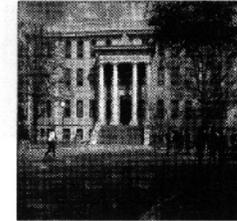
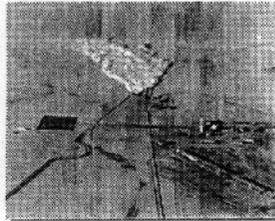
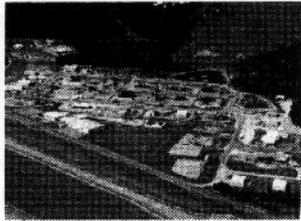
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National  
Domestic Preparedness  
Consortium

TEEEX / Texas A&M • Ft. McClellan  
NTS • NMTech • LSU

# Consortium Approach

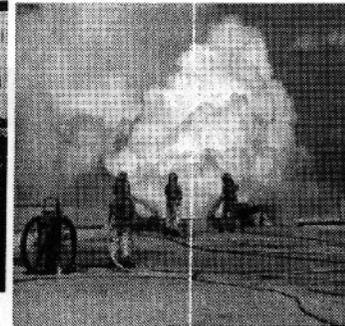
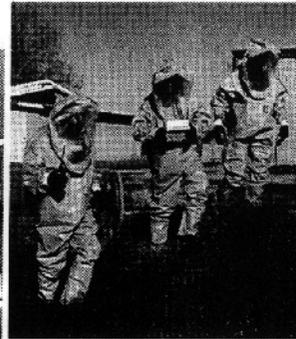
## Utilize

- Existing Infrastructure
- Mature Emergency Response Certification Programs
- Highly Experienced Emergency Responder Training Staffs
- Recognized WMD Research & Development Test/Evaluation Facilities
- Formidable EOC, Distance Learning & Simulation Links
- Proven Leadership in Federal, State & Local Emergency Response Programs
- Nationally Ranked & Internationally Recognized Educational & Research Programs



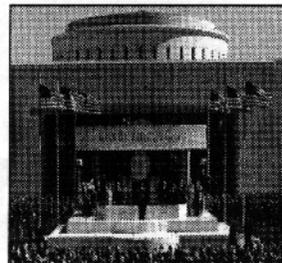
## Conduct

- Comprehensive Multi-agency WMD Response Training
- Extensive Outreach/ Distance Learning Programs
- EOC, Command Post & Communication Exercises
- R&D, Technology Evaluation & Technology Transfer
- Training, Test/Evaluation and Exercises with Live Agents, Simulants and Surrogates
- Forensic & Crime Scene Preservation Training
- Highly Realistic, Complex, Multi-level WMD Crisis & Consequence Management Exercises

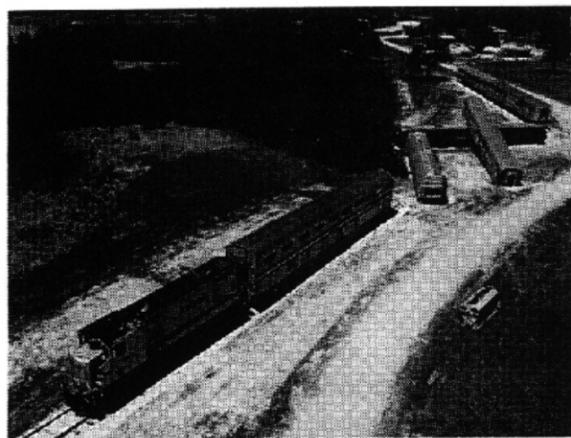


## Provide

- Conduit for Local Responder Community to Technical, Tactical & Training Resources
- Support to Regional National Guard WMD Responder Support Missions
- Counterterrorism R&D Test Centers for Federal Technology Programs
- Sustained Training & Educational Capabilities to Maintain Domestic Responders' Skills
- Sustained Academic Support for Public Policy Initiatives



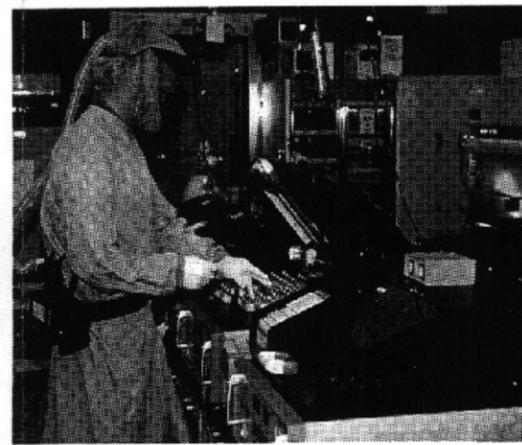
## Consortium Discriminators



- Internationally Acclaimed Training Programs in HazMat, Urban Search & Rescue, Railway & Subway Rescue, Public Works, Emergency Medical & Law Enforcement



- Biological Laboratories & Research & Training Programs Designated to Support Biological Counterterrorism Requirements



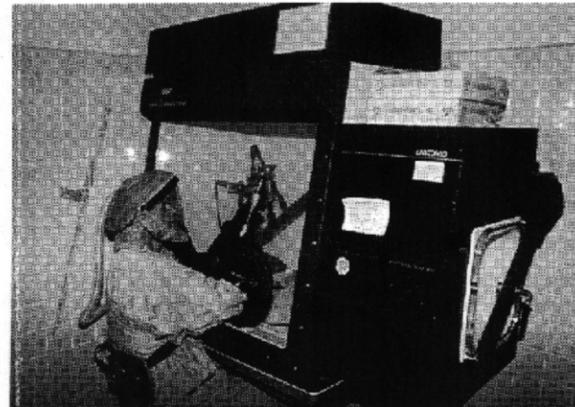
- Research & Field Testing of Large-scale Terrorist Explosive Devices, Mitigation Techniques, Forensics & Training on Large-scale Explosives Effects



- Communications, Command & Control, & Emergency Operation Center Networks to Train & Exercise Local, State & Federal Responders



- Common Urban & Suburban Training & Exercise Facilities Which Include Underground Rail Transit System, Single & Multi-story Building Complexes, Labs, Air Fields & Production Facilities. Secure Facilities in Remote Locations in Meeting Sensitive WMD Test, Exercise & Training Requirements



- Simulation of the Psychological Stress & the Incident Command Requirements of an Actual Terrorist Event

- Environmental Clearance to Use Live Agents, Surrogates & Simulants for Realistic Training & Exercises

- Strong Academic & Medical Programs in All WMD Disciplines

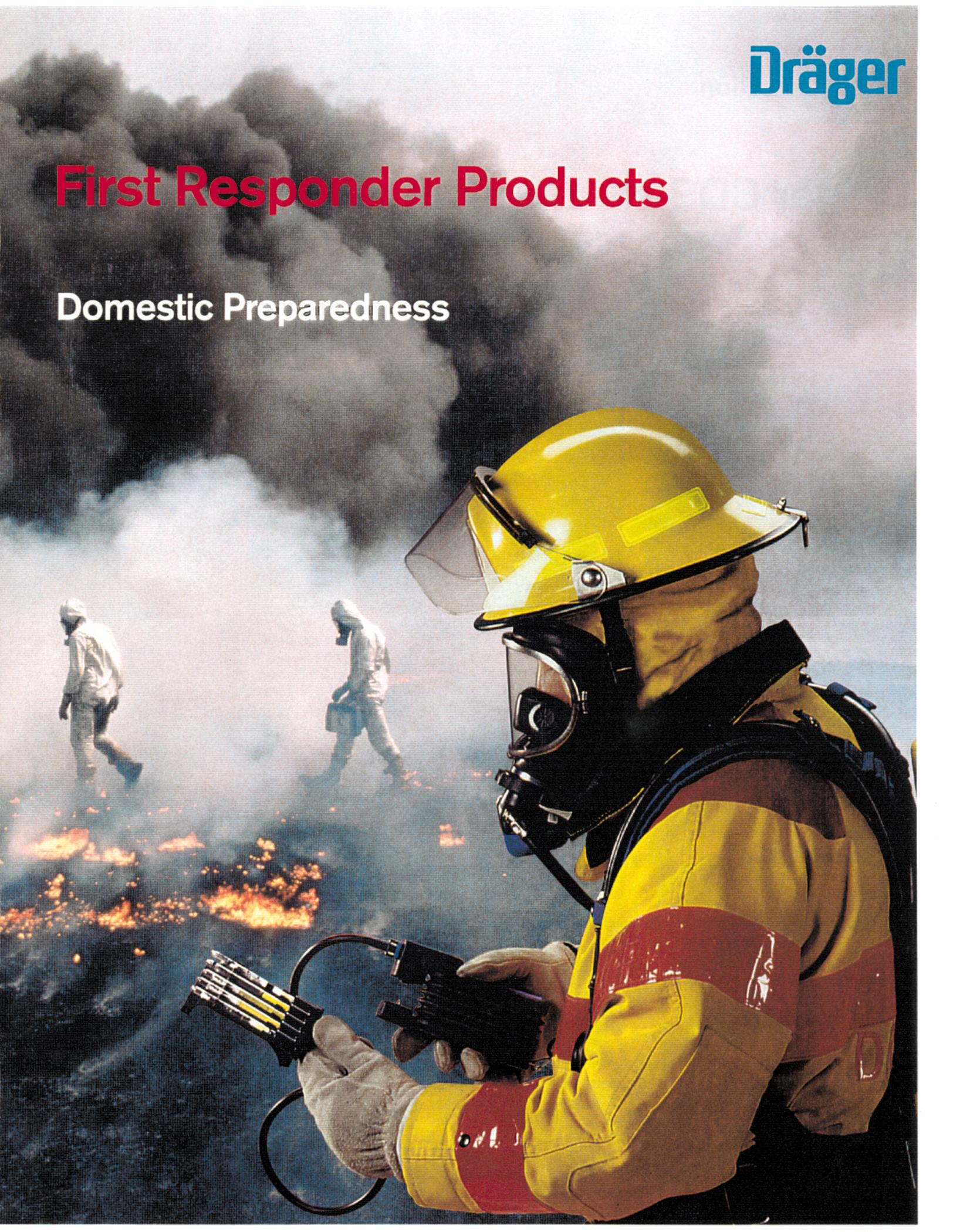
## In Conclusion

- We have facilities & infrastructure.
- We are ready to improve state & local responder capabilities.
- We can support, assist & sustain federal counterterrorism programs.
- We have training staffs & programs.

**Dräger**

# First Responder Products

Domestic Preparedness



## First in Detection

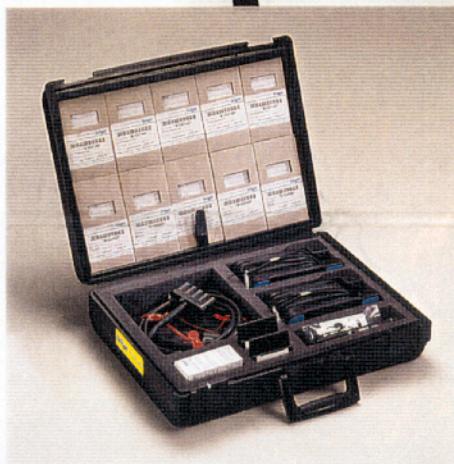
# Dräger CDS Civil Defense Set

Are you prepared to respond to a terrorist attack involving chemical weapons? In today's world, immediate and accurate detection of toxic chemical agents is crucial. Dräger has developed an important new detection system not available from any other manufacturer — specialized sets that detect up to five different chemical agents simultaneously — in just five minutes:

The Dräger CDS civil defense set utilizes colorimetric Dräger detector tubes, the same tube chemistry used by NATO for many years in single-tube detectors. The Dräger CDS Kit provides two CDS sets for detection of eight chemical substances, including nerve, blood, lung, nose and throat irritating agents. And, the complete CDS kit is much less expensive than the typical \$15,000 to \$20,000 cost of spectroscopic devices.

### Features/Benefits:

- Low cost compared to spectroscopic devices
- No power supply required for manual pump
- On-the-spot results in five minutes
- No warm-up time
- No calibration
- Minimal training
- Simple operation
- No filters to replace



**Dräger CDS Kit**  
Part No. 6400565S

## Dräger CDS Agent Sensitivity

### CDS I - Part No. 8103140

AGENT	DRÄGER TUBE	SENSITIVITY
Hydrocyanic Acid	HYDROCYANIC ACID	1 ppm
Phosgene	PHOSGENE	0.2 ppm
Lewisite	ORGANIC ARSENIC COMPOUNDS AND ARSINE	3 mg/m <sup>3</sup> (org. arsenic) 0.1 ppm (arsine)
N - Mustard	ORGANIC BASIC NITROGEN COMPOUNDS	1 mg/m <sup>3</sup>
S - Mustard	THIOETHER	1 mg/m <sup>3</sup>

### CDS V - Part No. 8103200

AGENT	DRÄGER TUBE	SENSITIVITY
Nerve Agents	PHOSPHORIC ACID ESTERS	0.025 ppm
Phosgene	PHOSGENE	0.2 ppm
Cyanogen Chloride	CYANOGEN CHLORIDE	0.25 ppm
Chlorine	CHLORINE	0.2 ppm
S - Mustard	THIOETHER	1 mg/m <sup>3</sup>

## Dräger CDS Kit Contents

DESCRIPTION	PART NUMBER	QUANTITY
CDS Set I	8103140	5
CDS Set V	8103200	5
CDS Set opener	6400566	2
Tube opener	6400010	1
accuro pump	6400000	2
accuro pump instructions	9022003	1
accuro spare parts kit	6400220S	1
1 meter extension hose with adapter	6400561	2
Laminated matrix/re-order card		1
Laminated instruction card		1
Indelible marker		1
Carrying case		1



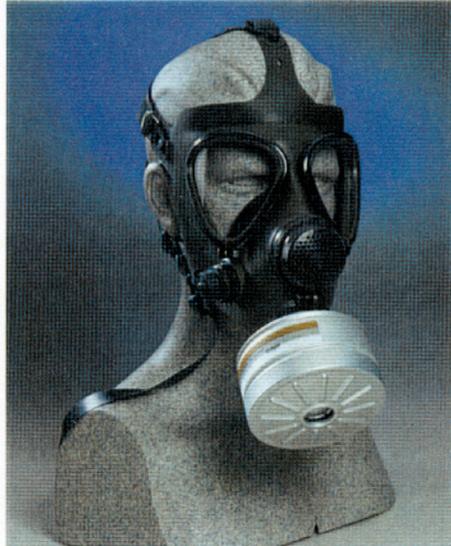
## First in Protection

# First Responder Products

Dräger offers a full range of respiratory products for first responders. Whatever your protection needs, we can meet them, with masks, filters, and a 4-hour closed-circuit breathing apparatus.

Over 100 years of research and development have made Dräger the name most trusted in respiratory protection.

Today, Dräger products provide unmatched comfort, safety and versatility to first responder and safety professionals around the world.



**KARETA M Mask**

- Full protection against warfare gases.
- Dual eyepiece provides excellent vision.
- Standard thread connection accepts NATO NBC (Nuclear, Biological, Chemical) cartridges.
- Accepts all Dräger NIOSH-approved cartridges.
- Drinking device connection included



**Panorama Nova Full Facepiece**

- Exceptional one-size-fits-all design.
- Wide range of NIOSH-approved cartridges.
- Full line of accessories, including spectacle kits, quick donning headstraps and communications devices.



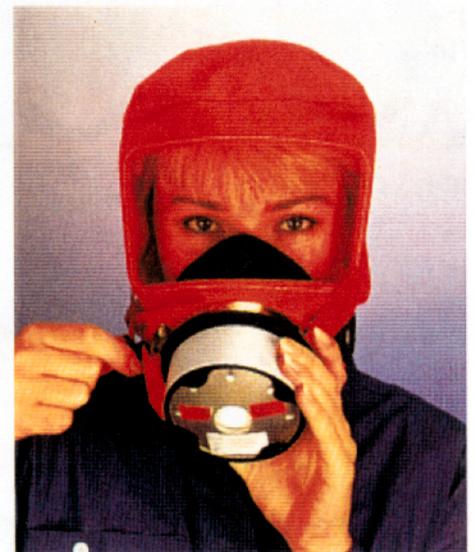
**AirBoss Evolution SCBA**

- High performance, low cost of ownership.
- One size facepiece provides high fit protection.
- Ergonomically designed backplate.
- Direct cylinder connection eliminates need for high-pressure hose.
- NIOSH and NFPA approved.



**BG4 Closed Circuit Oxygen Rebreather**

- Weighs only 30 pounds (13.6 Kg).
- Available as 3- or 4-hour duration unit.
- Can be worn under Chem suits.
- NIOSH and MSHA approved.



**PARAT C Smoke Hood**

- Protects against CO, smoke particles and other toxic by-products of fire.
- Easy to don.
- Can be worn by virtually everyone.
- Provides at least 15 minutes of protection.

## Dräger Accessories and Other Detection Equipment



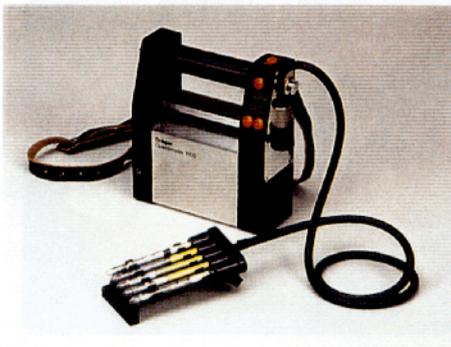
### MegaComm Voice Amplification Unit

- Easily attaches to mask.
- No tools required.
- Radio connections also available.



### MultiWarn II Multi-gas Monitor

- Monitors up to five gases simultaneously with interchangeable DrägerSensors®.
- O<sub>2</sub>, CO, CO<sub>2</sub>, H<sub>2</sub>, H<sub>2</sub>S, SO<sub>2</sub>, NO, NO<sub>2</sub>, Cl<sub>2</sub>, NH<sub>3</sub>, HCN, H<sub>2</sub>O<sub>2</sub>, PH<sub>3</sub>, EtO, Hydrides, and combustible gases.
- Selected by a number of emergency agencies for its modular design which allows the user to quickly adapt the instrument for specific needs.
- Plain language menu.
- Easy operation, calibration, and datalogging.
- Optional infrared sensor technology.
- Optional internal pump.



### Quantimeter 1000 Automatic Bellows Pump

- Hands-free operation.
- Programmable number of strokes.
- Intrinsically safe.
- Easy to read LCD.

Dräger equipment must always be fully functional and safe in operation. Dräger Service offers a regular inspection service and is readily available to see that your equipment is back in operation. What's more, Dräger Service enhances the vital flow of information between client and manufacturer, so that we can serve you better.

### Dräger Expertise

Since 1889, Dräger has had an outstanding reputation for solving problems in the field of human breathing.

Our products continue to monitor, support, and protect some of the most vital human functions. They create better and safer conditions for both our health and the environment.

Many of Dräger's 7500 employees are active in research and development to ensure that the latest technologies and scientific advances are fully tested before being integrated into equipment design.

### Dräger Worldwide

The Dräger sales and service organization is spread throughout the world. It comprises more than 25 subsidiaries and associated companies to insure that Dräger is always within easy reach of its clients and in close contact with all important markets. Dräger's ever increasing market share demonstrates the company's international competitiveness and strength.

#### DIN EN ISO 9001

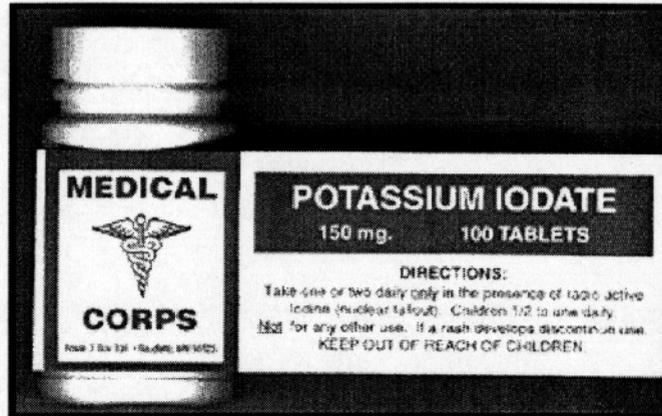
The Quality Management System of Dräger has been certified in accordance with DIN EN ISO 9001 and is recognized by numerous German and international organizations.

#### Dräger Safety, Inc.

101 Technology Drive  
Pittsburgh, PA 15275  
tel: 1-800-922-5518 fax: 1-800-922-5519  
<http://www.draeger.com>

# MEDICAL CORPS

## FEATURING



## POTASSIUM IODATE 150 mg Tablets

Potassium Iodate is a superior form of KI (buffered Iodine) and carried only by Medical Corps. Each factory sealed bottle contains 100 fresh tablets of Potassium Iodate 150mg.

The shelf life of Potassium Iodate is exceptional and should last a generation. Because of the extra molecule of oxygen in Iodate, Medical Corps can guarantee Iodate's stability without adding stabilizers.

Medical Corps recommends that each family member should have at least one bottle in their emergency kit. KI is the only known chemical available on the market which will shield (or block) the Thyroid and prevent it from absorbing radioactive Iodine.

Unlike other blockers, Medical Corps' stock is NOT government surplus 130 mg tablets. It is also chewable and especially recommended for children because our youngsters are extremely susceptible to thyroid cancer after exposure to radioactive contamination.

## *REMEMBER*

Be it a spill, accident, war or terrorism, Potassium Iodate is the only chemical which will protect you and your children.



H E A L T H • S A F E T Y • S E C U R I T Y • A N T I - T E R R O R

## QUICKMASK SERIES III - NBC CANISTER

Effective Protection Against:

- Blood Agents: hydrogen cyanide
- Choking Agents: chloropicrin; phosgene
- Nerve Agents: sarin; tabun
- Tear Gas
- Other Toxic Gases

Particle Filter Aerosol Efficiency : 99.997 % (DOP)

### SERVICE LIFE DATA

Test Gas	Test Concentration	Time To Breakthrough
Organic Vapors	5000 ppm	70 Minutes
DMMP <sup>1</sup>	1000 ppm	120 Minutes
Hydrogen Cyanide (AC)	5000 ppm	60 Minutes
Chlorine	5000 ppm	40 Minutes
Hydrogen Sulfide	5000 ppm	>120 Minutes
Cyanogen Chloride (CK)	1000 ppm	150 Minutes

<sup>1</sup> DMMP possesses chemical properties common to the organophosphorus nerve agents, including Sarin, Tabun and Soman, and is commonly used as a simulant in these types of penetration tests.

# QuickMask® Series III SPECIFICATIONS

COMPONENT	SPECIFICATION	DESCRIPTION
Certification / Approval	NIOSH	OSHA requires equipment to be NIOSH approved.
Mask Body	EPDM (Ethylene Propylene Dimonomer)	Excellent resistance to chemicals and aging elements.
Face Seal	Double Seal Frame	Allows the facepiece to fit firmly and comfortably without pressure.
Nosecup	Standard; Installed in each mask.	Provides a third seal against contaminants. Protects against visor fogging.
Sizes	One Size Only	One universal size fits every type of face. Eliminates the need to stock different sizes.
Lens Material	Polycarbonate Scratch Resistant Field Of Vision = 90%	Provides full eye protection.
Anti-Fog	Integrated Lens Flushing prevents fogging.	Ambient air enters the mask and flushes the lens before entering the nosecup.
Speech Diaphragm	Stainless Steel	Provides clear, reliable communication.
All Hardware	Stainless Steel	Durable against heat and chemicals.
Weight	1.3 lbs.	Lightweight, low carry burden.
Harness Attachement	5 Point Headstrap	Easy to adjust. Allows quick donning and doffing.
Filter Cartridge Connection	Single, Chin Mounted Cannister.	
Voice Amplifier Installation	Optional; Can be installed or removed at any time without tools.	No drilling or other modification required to install or remove the voice amp.
Spectacle Kit Installation	Optional: Can be installed or removed at any time without tools.	No drilling or other modification required to install or remove the spectacle kit.

# PRICE LIST / QuickMask<sup>®</sup> Series III

(Effective January 1<sup>st</sup>, 1998)

## P R I C E P E R Q U A N T I T Y

ITEM	PART NUMBER	PRICE PER QUANTITY					
		1-24	25-49	50-99	100-249	250-499	500-999
Full Face Mask	405QMS3001	\$149.00	\$147.51	\$146.02	\$144.53	\$143.04	\$141.55
Eyeglass Kit	405QMS3004	\$105.00	\$103.95	\$102.90	\$101.85	\$100.80	\$99.75
Deluxe Harness	405QMS3005	\$65.00	\$64.35	\$63.70	\$63.05	\$62.40	\$61.75
Deluxe Carrier	405QMS3009	\$80.00	\$79.20	\$78.40	\$77.60	\$76.80	\$76.00
NBC Filter	405QMS3002	\$32.00	\$31.68	\$31.36	\$31.04	\$30.72	\$30.40
NIOSH Filter	405QMS3008	\$26.00	\$25.74	\$25.48	\$25.22	\$24.96	\$24.70
Voice Amplifier	405QMS3006	\$235.00	\$232.65	\$230.30	\$227.95	\$225.60	\$223.25
Radio Interface	405QMS3007	\$790.00	\$782.10	\$774.20	\$766.30	\$758.40	\$750.50