



Exercise Simulation Trailer Catalog

**New York State Division of Homeland Security &
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Office of Counter Terrorism
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The New York State Division of Homeland Security & Emergency Services – Office of Counter Terrorism Offers A Tool to Enhance Realism in Exercises: The Exercise Simulation Trailer

New York State communities have a new resource to enhance emergency exercises as they conduct exercises to validate plans, personnel, procedures, resources, and equipment. The Exercise Branch of the New York State Division of Homeland Security & Emergency Services – Office of Counter Terrorism’s Training and Exercise Division is dedicated to furthering the preparedness of our state’s first responders through hands-on exercises. In an effort to address this issue, the Exercise Team created an Exercise Simulation Trailer. Municipalities are able to make use of the Trailer during exercises.

The trailer was specifically designed and is stocked with a variety of simulation equipment which will enhance realism in exercises.

Below are some examples of some of the equipment in the Simulation Trailer:

- Rescue Randy manikins – available in two different weights - useful when simulating rescue or movement of unconscious victims.
- Smoke/Fog generators to simulate fire smoke and chemical fog.
- Tagger kits to simulate chemical contaminants and can be used during simulation of removal of contaminants during decon exercises.
- Ludlum Radiation Monitor simulators to simulate radiation on surfaces and bodies for identification and decon operations.
- Generator – used on-site to power smoke/fog generators, the PA system, lights, and other electrical equipment on an exercise field site.
- Light stands and other lights – Used to light remote areas when needed at field sites.
- Multi-Use Radio Service (MURS) VHF band radio handsets for communication between exercise simulators and/or controllers.
- Moulage and Casualty Simulation Kits to simulate various types of wounds.
- Signage to designate the Exercise area (i.e. – Staging Area, Exercise In Progress, Check-In, Press Area, Exercise Staff Only, etc.)

To request to make use of the OCT Exercise Simulation Trailer for an exercise, municipalities need to contact their County Emergency Manager. Once the New York State Division of Homeland Security & Emergency Services – Office of Counter Terrorism’s Training & Exercise Division has received your request, we will set up a meeting with your municipality to discuss the exercise, availability, and applicability of our equipment to the exercise objectives. The OCT Exercise Branch members also provide assistance in exercise development, conduct, evaluation, and after-action/improvement planning.



NOTE: All Exercises utilizing the Exercise Simulation Trailer **MUST** be conducted in compliance with the Homeland Security Exercise Evaluation Program (HSEEP).

To obtain more information on the exercise program or to request assistance, please contact the New York State Office of Homeland Security’s Training and Exercise Branch:

exercise@dhses.ny.gov



Exercise Event Signage

Signage can be used to provide information to passers-by that an exercise event is in progress, as well as to designate the Exercise area.

- **Caution Restricted Area (1)**
- **Check In (2)**
- **Evaluators Check In Here (1)**
- **Exercise Check In (1)**
- **Exercise In Progress (2)**
- **Exercise In Progress Do Not Enter (2)**
- **Exercise Location (2)**
- **Exercise Participants Check In Here (1)**
- **Exercise Victims Check In Here (1)**
- **Hot Wash Location (2)**
- **Notice Only Exercise Staff Allowed To Enter This Area (1)**
- **NYS Office Of Homeland Security (1)**
- **Observer Area (2)**
- **Press Area (2)**
- **Restricted Area Exercise Staff Only (2)**
- **Safety Emergency First Aid Station (1)**
- **Training Exercise In Progress (1)**
- **Victim Staging Area (2)**



Deluxe Casualty Simulation Kit

This kit contains 7 bleeding strap-on wounds and 15 types of moulage stick-on wounds. The full line of accessories allows you to create 70 individual wounds, plus use your make-up expertise to create realism in your evolutions. Packaged in a sturdy carry case, the kit also contains instructions.

Size: 22" x 13" x 15" Sh. wt. 24 lbs.



EMT Casualty Simulation Kit

This complex kit uses components applied to human and manikin patients to get the widest variety of training situations possible. Wounds strapped on, stuck on, created from wax, and made to bleed challenge both the volunteer and the professional in areas of burns, lacerations, fractures of arms and legs, and amputations; a good kit to simulate community disasters like bus accidents, or building explosions.

Size: 24" x 10" x 20". Sh. wt. 36 lbs.



Brite Vests

These reflective vests allow for ready identification of observers, facilitators, controllers, and evaluators during exercise play while providing an added measure of safety for these team members.



Rescue Randy

Rescue Randy was developed for lifelike adult victim handling, transportation, and extrication training. These manikins can be safely used in situations too hazardous or uncomfortable for human volunteers. Made of durable vinyl with 4,100 lb. test plastic-coated cables. Features include: articulated joints, weight distribution according to human weight distribution chart. Used by the U.S. Military, Fire, and Police Departments, Safety Teams, and Emergency Personnel for rescue and extrication from pole top, confined spaces, collapsed buildings, smoke rooms, and ladder carry-down protocols worldwide.

Rescue Randy - 6' 1", 165 lbs.

Size: 56" x 27" x 13"; Sh. wt. 185 lbs.

Rescue Randy - 6' 1" 145 lbs.

Size: 56" x 27" x 13" Sh. Wt. 165 lbs



Ludlum Model 3 Radiation Ratemeter Simulator

Realistic simulation of radiation tests equipment allows for evaluating test/identification protocols as well as decontamination process effectiveness. The simulator is used with special “tagger” spray which is part of the kit.

Size: 6.5" x 3.5" W x 8.5" L

Weight: 3.5 lbs (including batteries)



Dakota Alert M538-HT MURS Radio

5 Channel, 38 Codes, Multi-Use Radio Service (MURS).

The M538-HT operates on five VHF channels with 38 (CTCSS) sub-codes. The handheld unit's two watts of output power give you up to a five-mile range. Transceiver is powered by six rechargeable AA batteries. Ear bud, charger and batteries included.

- Up to 5-mile range
- 2.0 watt power
- Display: Backlit display
- Belt clip
- Radio Dimensions: 7.8 x 6.2 x 2.8 inches
- Radio Weight w/o batteries: 1.5 lbs

MURS Frequencies:

1. 151.820 MHz
2. 151.880 MHz
3. 151.940 MHz
4. 154.570 MHz
5. 154.600 MHz

Blue Guns – A Safe Alternative to Live Firearm Training

“BLUEGUNS ” are a realistic & safe alternative to using live firearms in training situations. In order to get proper safe tactical training you need to use a training aid that has the look and feel of your personal weapon. Detailed and accurate “Firearm Simulators” are inert detailed replicas of actual weapons, designed for Law Enforcement and Military Training. Each is made with strong, impact-resistant polyurethane with steel reinforcement. This prevents bending and flexing while maintaining the detail, handling, and balance of the actual weapon they represent. Each gun is fabricated in "Law Enforcement Blue" - the most recognized safety color in the world.



GLOCK 17/22/31



SMITH & WESSON SIGMA SW9V



SIG 220/226



COLT CAR15



REMINGTON 870



Portable Shelter

These shelters are used as a staging area for exercises and can be used as convenient locations for participant check-in and simulation equipment staging during inclement weather. Shelters employ articulating frame technology to provide rapid deployment and sturdy, all-weather performance.

Compact footprint and light weight, ensures easy two person deployment under any conditions. Full length side windows provide ample, warm-weather ventilation

Includes:

- 2 14" Diameter Snorkeled Ports per Side
- 2-Paneled Zippered End Doors
- Ground Cloth
- Anchor Kit
- Repair Kit
- Transport Bag.



Protective Apparel

Protective apparel such as Tyvek suits and chemical-resistant boots can be provided, along with respirator cartridges. Typically these are past their “use by date” and therefore no longer usable for actual emergency incident deployment. They are, however, the “real thing” and provide the real-world exercise experience that your responders may need – without the need for you to deplete your jurisdiction’s supplies.



Have You Been Tagged?
After decontamination, do you know you are clean? You will with Tagger™.

TAGGER™
CONTAMINATION SIMULANT

Tagger™ is a revolutionary new training aid that is actively changing the effectiveness of Weapons of Mass Destruction (WMD) and Hazardous Materials training.

Benefits:

- Provides a realistic training tool during WMD or Hazardous Materials training events
- Fluoresces under UV light to determine if personnel are clean
- Verifies success of decontamination and emergency response procedures
- Identifies necessary improvements relative to decontamination and emergency response procedures
- Provides ability to track cross-contamination
- Simulates the viscosities of four types of nerve agents
- Simulates the viscosities of two types of blister agents
- Environmentally friendly

TAGGER™ The Contamination Simulant

- TAGGER™ is a revolutionary training tool that is actively changing the effectiveness of weapons of mass destruction (WMD) and hazardous materials (hazmat) training
- TAGGER™ is the most realistic contamination simulant available today
- TAGGER™ is an environmentally friendly contamination simulant
- TAGGER™ appears as a clear liquid and fluoresces under UV lighting using a black light
- The clear liquid appearance of TAGGER™ is very significant for training events and overall operational readiness. This is because the only visual cue TAGGER™ provides is the wet appearance of the solution. In addition, since TAGGER™ mixes well with water, it spreads in a manner consistent with actual contamination and this flow of contamination can actually be tracked through the fluorescent properties of TAGGER™
- All Safe Industries, Inc. offers seven (7) versions of TAGGER™:
 - Original
 - Tabun (GA)—*Nerve Agent Simulant*
 - Sarin (GB) —*Nerve Agent Simulant*
 - Soman (GD) —*Nerve Agent Simulant*
 - VX—*Nerve Agent Simulant*
 - Distilled Mustard (HD)—*Blister Agent Simulant*
 - Lewisite (L)—*Blister Agent Simulant*

- TAGGER™ is comprised of water, an emulsifier, and a fluorescent optical brightener
- The emulsifier and fluorescent optical brightener used in TAGGER™ are elements used in common household items
- To create TAGGER™, the brightener is constant for each of the seven (7) versions. The amount of water and emulsifier is varied in each of the versions of TAGGER™ to simulate the scientifically known and generally agreed upon viscosities of each of the actual WMD agents
- The representative TAGGER™ versions, therefore, simulate the thicknesses of the known WMD agents. By simulating the actual WMD agent viscosities, these TAGGER™ versions add an additional element of realism, providing an opportunity for agent recognition during a training event
- All versions of TAGGER™ can be sprayed or poured
- TAGGER™ can also be dispensed using other containers such as pesticide sprayers if a greater coverage area is desired



UF-25 Unifire Smoke Machine

The UF-25 was built with durability and high output in mind. It offers reliable operation with overheat thermal protection to meet even your greatest output demands. It is perfect for Fire Department Training and for productions that require a lot of smoke and a lot of control. While requiring little maintenance and easy cleanup.

UF-25's are used throughout the world by fire departments, entertainment and various industrial operators. They can be carried and operated with one hand. For as long as it retains sufficient heat, the UF-25 can be operated while being disconnected from its power source.



UF-1500 Unifire Smoke Machine

The Z-1500 is for users who need a lot of fog along with a lot of control. This machine features the Z-20 remote with easy to read LED readout to allow the user to closely control the duration, interval, and volume of fog produced. The remote's LED screen clearly displays these parameters in seconds.

Model Number:	UF-Z1500
Maximum Output:	20,000 CFM
Consumption Rate:	9 minutes per 1 liter at 100% output
Heat Up Time:	11 minutes
Heater:	1500 Watt
Tank Capacity:	6 Liter
Dimensions (L X W X H):	27.25" X 11.5" X 7.5"
Remote Cord Length:	30 feet
Dry Weight:	31 lbs.

Features:

- Built with durability, power, and safety in mind
- Includes a remote which allows you to control output from a distance
- Variable output controls with 24-hour continuous run time
- Uses water based fluid that leaves no residue and is safe to breath. You get the thick, realistic smoke you desire but in a harmless and residue-free form.
- Small size to fit tight locations
- Efficient fluid consumption rate
- Reliable high output
- Overheat thermal protection.



SMART TAG

New York State Disaster Triage Tag

The Smart Triage Tag uses a clever patented folding system, which allows downgrading the patient's status without having to use a new triage tag. Coupled with simple ideas such as: red light sticks to illuminate priority one patients at night, and a tape for pediatric triage. The Smart Incident Command System™ assists in bringing a basic level of organization to the early scene response.

The **SMART Triage Pac™** contains 20 **SMART Triage Tags™**, the **SMART Tape**, Light sticks for identifying casualties at night and it will fit over any duty belt.

The **SMART Triage Pac™** contains 20 **SMART**



SMART Commander

The **SMART Commander™** allows for an efficient, structured management response.

Detachable incident control boards prompt ordered reporting and assist with information handover which speeds up decision making.

The availability of relevant documents and plans provides the most effective way to direct medical resources.



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