DSA Detection®

TRAINING KITS

Product Catalog

SUMMER 2023

Rev 2

DSA Detection®

Capabilities & Past Performance

Company Overview

DSA Detection is a leading manufacturer of **DHS-approved trace detection consumables** used in the operation and maintenance of all explosive trace detection (ETD) instruments commercially available. DSA is also a leading manufacturer of **X-ray correct explosive simulants, IED training aids, and test articles** used in training screeners to identify threats and to verify security checkpoint equipment. DSA then combines all its products and expertise into comprehensive and in-depth **training for threat recognition and security equipment operation**, tailored to meet all levels of detection.

Core Competencies

- Largest independent checkpoint supplier
- Critical ETD consumables submitted quarterly to the DHS Transportation Security Laboratory
- Product innovation - QS-B220 Dual-Mode Verification Trap replaces A&B cans
- X-ray correct training aids that provide accurate imaging and trigger threat detection alarms
- Proprietary training methodology for security screening
- Subject-matter experts: Trace, IED design, threat interpretation training
- Highly reliable security checkpoint supply chain
- Worldwide distributors: Canada, Mexico, Australia, Europe, Asia, South America, Africa
- Industry-leading, longest shelf life guarantee on all products

Unique Selection

- ETD consumables for all leading instruments
- Extensive product line of X-ray and metal-detector correct inert IEDs and weapons
- Digital X-ray threat image libraries for equipment certifications and stock library updates
- Custom engineering and manufacturing: ETD products, explosive simulants, X-ray image libraries, etc.
- ETD, X-ray, and metal detector training from industry-vetted experts certified by OEMs

US Federal Government

- The leading supplier of trace consumables during the COVID19 national supply shortage
- General Dynamics logistics supplier of ETD consumables (all US DOS embassies and consulates) from 2007-present
- Northrop Grumman/Peraton Supplier for TSA checkpoint training aids and red teaming
- TSA ILS supplier 2007-present through 3 consecutive contracts with Siemens then Leidos
- 4 consecutive TSA BPA contracts, supplying 465 +/- airports with all ETD consumables
- 1,000 ETD TQC Red Team kits provided to TSA for ETD training and testing
- Defense Logistics Agency (DLA) supplier
- Largest supplier of security divesting screening bins for federal security checkpoints

- FBI 5-year IDIQ contract for up to 3,000+ training aids with options to add over 22,000
- Nearly 4,000 inert IEDs and associated products supplied to the US Army in Afghanistan
- 405 custom inert training kits for the Federal Protective Services
- 2 consecutive contracts for 200+ training kits provided to the USMS at 94 federal courthouses
- DHS-TSL Creative Research & Development Agreement (CRADA) for explosive simulants
- Inert IED/Explosive Simulant Customers - DOD: the Pentagon, Army, Navy, Air Force, Army National Guard, and Navy National Guard, NSWC Indian Head; DOS: multiple embassies and consulates; CIA
- Replica Ordnance Customers: Naval Sea Systems Command, US Air Force
- Threat identification training: US Mint, US embassies, US military, DOS, and secure facilities

US State and Local Government

- 600 Hi-Traction Screening Bins used by California Senate
- Largest supplier of security screening bins sold to state security checkpoints
- Threat identification training: Pennsylvania State Mail Center and Essex County Sheriff's Dept.
- Training kits supplied to Cambridge, MA Police Department EOD (explosive disposal) team

International Governments

- ETD consumables supplied to Canadian (CATSA), UK, European, and other international airports (Key supplier of ETD consumables for all Mexican airports)
- Inert IED devices for the United Nations in Iraq and Somalia
- Hundreds of training aids for Transport Canada (AVSEC Technology) and CATSA
- 30 training kits for Canadian embassies
- Inert ordnance replicas provided to the United Nations and Canadian Armed Forces
- Threat identification training: Moroccan Civil Aviation Authority
- Kits and simulants: HMGCC, DSTL, Port Authority St. Lucia, CAA Bahamas, CAA New Zealand, ANAC Brazil and many airports around the world.

Commercial Companies

- ETD consumables developed for and supplied to instrument manufacturers: Implant Sciences, 908 Devices, Bruker, FLIR, Greyscan
- X-ray threat image projection libraries (TIP) for leading X-ray manufacturers
- Hundreds of training kits provided to domestic and international security companies and cargo companies, such as Delta, AA, Lufthansa, Amazon, and Virgin Cruises.
- Custom solutions developed for national laboratories, research groups, and industry leaders
- X-ray image analysis training: Several major sporting league stadiums and events. (Training aids also provided.)
- X-ray, WTMD, and ETD training at Peacemaker National Training Center in WV
- Partnered with a variety of security consulting companies on government and commercial programs

Cage Code 49BS5 **DUNS 609595215** **Certified Small Business** **BAA Compliant**

DSA Detection®

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Due to fluctuating availability of commercial-off-the-shelf (COTS) products, some concealed IED products may vary due to supply and demand at the time of order. Be assured DSA will always supply equal to or better quality products that meet the technical aspects required.

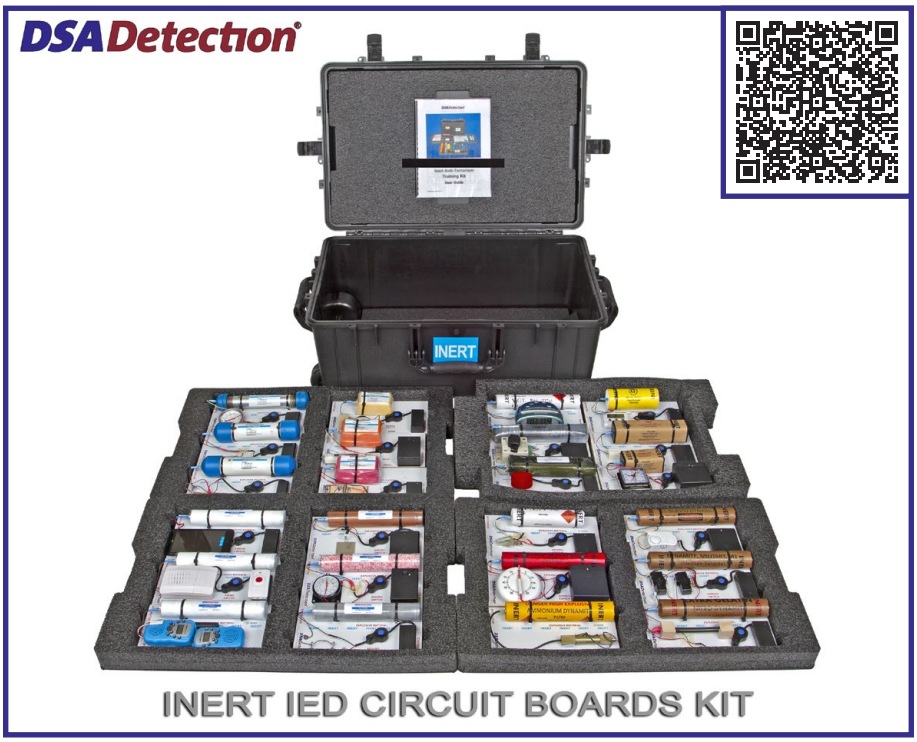
Export Control: EAR99

Inert Advanced Threat Screening Kit

SKU: ASK8000

Weight: 67 lb *(30.4 kg)*
Dimensions: 33 in x 21 in x 17 in *(83.8 cm x 53.3 cm x 43.2 cm)*

The Inert Advanced Threat Screening Kit contains multiple visual and X-ray correct training aids. Each training aid is designed to represent the types of threats likely to be encountered by security staff and X-ray operators, including edged weapons, firearms, ammunition, and IEDs. This kit not only contains complete threat items but also different threat components that may be used to plug and play, allowing screeners to create new threats for training and testing. This kit is based on a series of custom kits built for the United States Marshals Service. It is designed for more experienced personnel and advanced training scenarios. This kit does not contain items from our TSK1000 training kit. The pistol training aids are not considered firearms in the U.S. but should be treated with the same respect as a real gun and may be subject to country-specific import requirements. Each cutting edge and point has been blunted to ensure items are safe for training.



Export Control: ITAR

Inert IED Circuit Boards Kit

SKU: ICK2000

Weight: 82 lb *(37.2 kg)*
Dimensions: 33 in x 21 in x 17 in *(83.8 cm x 53.3 cm x 43.2 cm)*

The Inert IED Circuit Boards Kit is a one-of-a-kind teaching aid that contains a complete array of IED firing circuits to help familiarize security officers with examples of IED circuitry, switches, and explosive simulants. Each circuit board is X-ray correct, and offers an interactive training aid with a functioning switch circuit. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. Inside the kit guide, each circuit board is shown in multiple X-ray orientations. This approach allows the trainer to build situational awareness of the ways different threats can look in person and in an X-ray at difficult angles. The explosive simulants in this kit are engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threats. An ITAR-compliant version of this training kit is also available.

Export Control: EAR99

Inert Modular Bomb System Training Kit

SKU: MBS1000

Weight: 32 lb *(14.5 kg)*
Dimensions: 24.8 in x 19.7 in x 11.9 in *(63 cm x 50 cm x 30 cm)*

The Inert Modular Bomb System Training Kit is DSA's upgraded version of the Transportation Security Administration's (TSA) MBSII X-ray training kit is used to train their officers on explosive threat identification. Unique to this kit's design is the use of common travel items paired together as threat/non-threat items. This allows the screener to compare conventional and modified items commonly seen during everyday screening. The kit contains 27 commercial, military, and homemade explosives, as well as 17 different IED circuit components and detonators. Each simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive and is visually correct to be used in classroom training.

Export Control: ITAR

Inert Domestic Terrorism Threat Training Kit

SKU: MSK1000

Weight: 70 lb *(31.8 kg)*
Dimensions: 33 in x 21 in x 17 in *(83.8 cm x 53.3 cm x 43.2 cm)*

The Inert Domestic Terrorism Threat Training Kit contains many types of threats a security officer may encounter at an entry checkpoint or mail screening facility. Designed in partnership with the United States Marshals Service this kit contains inert guns, knives, explosive simulants, IEDs, and IED firing circuits. The kit gives trainers the ability to build diverse configurations of known and theoretical threats, allowing for a large variety of scenarios to be presented to train and evaluate security officers. Each simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive and is visually correct for classroom use. The pistol training aids are not considered firearms in the U.S. but should be treated with the same respect as real guns and may be subject to country-specific import requirements. Each cutting edge and point has been blunted to ensure items are safe for training.

Inert Mail Threat Kit

SKU: MTK3000

Weight: 54 lb *(24.5 kg)*
Dimensions: 33 in x 21 in x 17 in *(83.8 cm x 53.3 cm x 43.2 cm)*

The Inert Mail Threat Kit contains a wide variety of X-ray correct threat packages that could be seen by mail screeners and security officers at corporate and government mail facilities. This kit includes an assortment of parcel sizes and shapes including 6 different size boxes, padded and non-padded envelopes, letter envelopes, and a musical greeting card. The MTK3000 includes many types of "mail bombs" with firing circuits that have been used in actual attacks, as well as nonexplosive threats. The kit also includes two white powder devices, meant to simulate anthrax, ricin, fentanyl, or a hoax. Each device is engineered to have the same density and effective atomic number (Z_{eff}) as the real threat. To assist in classroom training, a picture of the internal components is displayed on the outer packaging of each device with each of the threat (P.I.E.S.) components identified. This helps build image association without compromising the training aid.

Export Control: EAR99

Inert Anti-Terrorism Training Kit

SKU: TSK0055

Weight: 25 lb *(11.3 kg)*
Dimensions: 23 in x 14 in x 10 in *(58.4 cm x 35.6 cm x 25.4 cm)*

The Inert Anti-Terrorism Training Aid Kit was designed for mobility without sacrificing training quality. Every threat in this kit was chosen from historic IED events, perceived hazards, threats constructed from common parts, or items stolen from a blasting site. Each training aid is considered a security risk and can be found on the Interagency Security Committee (ISC) standard prohibited items list. This kit is perfect for security checkpoints where mobility and storage are important. The explosive simulants are visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. An ITAR-compliant version of this training kit is also available. The pistol training aid is not considered a firearm in the U.S. but should be treated with the same respect as a real gun and may be subject to country-specific import requirements. Each cutting edge and point has been blunted to ensure items are safe for training.

Export Control: ITAR

Inert Threat Screening Kit

SKU: TSK1000

Weight: 75 lb *(34 kg)*
Dimensions: 33 in x 21 in x 17 in *(83.8 cm x 53.3 cm x 43.2 cm)*

The Inert Threat Screening Kit was specifically designed to address every threat category for training and testing at any security checkpoint. This kit is composed of several different inert weapons, simple firing circuits, and explosive components. Inside the provided carrying case are various types of handguns, knives, grenades, pipe bombs, firing circuits, commercial, military, homemade high and low explosives, and blasting caps. Altogether, this kit includes 70 separate items. The explosive simulants are visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. The gun training aids are not considered firearms in the U.S. but should be treated with the same respect as a real gun and may be subject to country-specific import requirements. Each cutting edge and point has been blunted to ensure items are safe for training. An ITAR-compliant version of this training kit is also available.

Export Control: ITAR

Non-Metallic Edged Weapons Kit

SKU: TSK1055

Weight: 9 lb *(4.1 kg)*
Dimensions: 17 in x 14 in x 8 in *(43.2 cm x 35.6 cm x 20.3 cm)*

The Non-Metallic Edged Weapons Kit was designed to train security officers on detecting knife blades or punctured weapons that are void of any metallic signature. It allows security officers to learn and perfect the optimal screening methods to detect these types of threats. Each edged weapon in the TSK1055 was selected to represent a large variety of blade types, shapes, and materials. These items are X-ray correct to replicate the real threats with which they are associated. Each cutting edge and point has been blunted to ensure items are safe for training.

Export Control: EAR99

Export Control: ITAR

Inert Air Cargo (CCSP) Threat Kit

SKU: TSK4000

Weight: 47 lb *(21.3 kg)*
Dimensions: 26 in x 20 in x 13 in *(66 cm x 50.8 cm x 33 cm)*

The Inert Air Cargo (CCSP) Threat Kit was designed with cargo and transportation operations in mind. It was developed in partnership with a major commercial transportation company. This kit exceeds the performance and capabilities of the current TSA/FAA modular bomb kit. The explosive simulants are visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. The gun training aids are not considered firearms in the U.S. but should be treated with the same respect as a real gun and may be subject to country-specific import requirements. An ITAR-compliant version of this training kit is also available.

Export Control: EAR99

Inert Guns and Knives Threat Kit

SKU: TSK5000

Weight: 13 lb *(5.9 kg)*
Dimensions: 17 in x 14 in x 8 in *(43.2 cm x 35.6 cm x 20.3 cm)*

The Inert Guns and Knives Threat Kit is the industry standard for training law enforcement and security personnel. It contains a comprehensive set of inert gun and knife replicas that may be encountered at a security checkpoint. Unlike blue plastic weapons, the items in this kit are real weight and construction. These items perfectly match the X-ray and metal detector signatures of real gun and knife threats. The pistols have removable magazines with inert ammunition. Due to the durability and realism of the items in the TSK5000, this kit has also become popular for self-defense and disarming training. Every item in this kit is inert and coated in blue rubber to identify it as safe to handle. The pistols are not considered firearms in the U.S. but should be treated with the same respect as a real gun and may be subject to country-specific import requirements. Each cutting edge and point has been blunted to ensure the items are safe for training.

Export Control: EAR99

Inert Advanced Weapons Kit

SKU: TSK5500

Weight: 13 lb *(5.9 kg)*
Dimensions: 17 in x 14 in x 8 in *(43.2 cm x 35.6 cm x 20.3 cm)*

The Inert Advanced Weapons Kit was designed to fill a void in checkpoint security by enhancing the screener's knowledge of disassembled weapons. Screeners are trained to look for complete guns and edged weapons but guns can be broken down be brought through security as individual components and blunt force threats like brass knuckles can be very dangerous. The TSK5500 provides common-caliber ammunition and firearm components which can help screeners identify items that can be reassembled after the security checkpoint. DSA recommends pairing this kit with the Guns and Knives Kit (TSK5000), this ensures the most complete weapon training possible. The weapon simulants are visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real threat. None of the items in this kit are firearms in the U.S. but may be subject to country-specific import requirements. All cutting edges and points have been blunted to ensure items are safe for training. Most inert training aids are coated in blue rubber which helps to identify it as safe to handle. Bullets have a missing or spent primer and an inerting hold in the casing.

Export Control: EAR99

Inert Explosives Threat Kit

SKU: TSK6000

Weight: 54 lb *(24.5 kg)*
Dimensions: 26 in x 20 in x 13 in *(66 cm x 50.8 cm x 33 cm)*

The Inert Explosives Threat Kit provides a large assortment of inert explosive and IED simulants. This kit is best used to train screeners on the vast difference explosives can have in size, shape, texture, and feel. The TSK6000 is complete with 35 different examples of military explosives, commercial explosives, and homemade explosives found all over the world. Each explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. Perfect for classroom and checkpoint training, this kit allows screeners to evaluate what an explosive can look and feel like. This helps build image association of explosive texture and X-ray characteristics.

Export Control: EAR99

Inert P.I.E.S. Kit

SKU: TSK6500

Weight: 54.2 lb *(24.6 kg)*
Dimensions: 26 in x 20 in x 13 in *(66 cm x 50.8 cm x 33 cm)*

The Inert P.I.E.S. Kit allows for thousands of IED component combinations for use in screening and training environments. P.I.E.S. (Power source, Initiator, Explosive, and Switch) is a popular security mnemonic for IED components in a screening environment. Built on the foundation of the popular Inert Explosive Kit (TSK6000), the TSK6500 includes ten different X-ray correct assemblies and 32 different X-ray correct explosive simulants. Each assembly consists of various switch configurations, blasting caps, and batteries (power sources) that can mix and match with each explosive simulant. Most of the switches are recognizable as common, everyday items, such as timers and cell phones. This kit is often used to train screeners on the vast difference explosives can have in size, shape, texture, and feel. Each explosive simulant and assembly is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. Perfect for classroom and checkpoint training, this kit allows screeners to evaluate the ways IED components can look and feel, and function. This helps build image association of explosive texture and X-ray characteristics.

Export Control: EAR99

Concealed Weapons Kit

SKU: TSK7500

Weight: 9 lb *(4.1 kg)*
Dimensions: 17 in x 14 in x 8 in *(43.2 cm x 35.6 cm x 20.3 cm)*

The Concealed Weapons Kit was assembled from threats that are commercially available and designed specifically to disguise a weapon. Every item in this kit was selected to represent a different concealment method. This kit is designed to train security officers on the detection of concealed-edged weapons and other threats. Each training device is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real concealed weapon. These items are also correct for training and testing in metal detectors. Each cutting edge and point has been blunted to ensure items are safe for training.

Due to fluctuating availability of commercial-off-the-shelf (COTS) products, some concealed IED products may vary due to supply and demand at the time of order. Be assured DSA will always supply equal to or better quality products that meet the technical aspects required.

Export Control: EAR99

Inert Prohibited Items Kit

SKU: TSK8500

Weight: 38 lb *(17.2 kg)*
Dimensions: 26 in x 20 in x 13 in *(66 cm x 50.8 cm x 33 cm)*

The Inert Prohibited Items Kit was designed in partnership with a leading U.S. cruise company. Each item was selected from their prohibited items list to ensure their security staff could properly screen for concealed narcotics, weapons, and ammunition. Each concealed device was replicated from examples found during passenger screening. Several devices can conceal either inert powder drugs, pills, or marijuana simulants. There are no inert explosives in this kit. This may (country-dependent) decrease some of the transportation requirements when moving this kit from port to port. Each simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real threat. The pistol training aids are not considered firearms in the U.S. but should be treated with the same respect as real guns and may be subject to country-specific import requirements. Each cutting edge and point has been blunted to ensure items are safe for training.

Export Control: EAR99

Inert Clothing IED Kit

SKU: TSK9540

Weight: 59 lb *(26.8 kg)*
Dimensions: 33 in x 21 in x 17 in *(83.8 cm x 53.3 cm x 43.2 cm)*

The Inert Clothing IED Kit was developed to assist screeners to understand and recognize modified or altered clothing and braces. Each of the ten different devices has been identified from historic IED attacks or perceived threats. Every training aid contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. Because of the discrete modifications made to the original article of clothing, this kit can be used to conduct penetration testing and help evaluate security protocols.

Blasting Cap Test Kit

SKU: OTK0010

Weight: 12 oz *(340 g)*
Dimensions: 7.5 in x 4.8 in x 2.2 in *(19.1 cm x 12.1 cm x 5.7 cm)*

The Blasting Cap Test Kit contains various blasting caps and initiation devices, providing accurate examples of commercial, military, and improvised (homemade) versions. Some of the blasting caps are electronically shunted, while others do not have electrical continuity—helpful when incorporating blasting caps into functioning IED circuitry.Also included in the kit are two modified electric blasting caps, complete with LED indicators that illuminate when functioning. Both the electric and non-electric blasting caps in this kit are completely inert and accurate when viewed in person or on an X-ray/CT scanner. All DSA blasting caps are made with industry-standard, 24AWG wire when possible. Other wire gauges are available by request.Each simulated explosive initiator in this kit is density, Z_{eff}, and X-ray/CT correct to replicate the real threats with which they are associated.

Export Control: EAR99

Metal Detector Test Kit

SKU: TSK7000

Weight: 3 lb *(1.4 kg)*
Dimensions: 8 in x 10 in x 3 in *(20.3 cm x 25.4 cm x 7.6 cm)*

The Metal Detector Test Kit was designed to maintain and improve the security of federal buildings, courthouses, correctional facilities, and public buildings, as well as any other secure facility. These test objects allow you to configure a walk-through or hand-held metal detector, test new metal detectors, and train your security staff. They will allow you to determine a security setting that will detect the most dangerous metallic threats. The TSK7000 complies with NIJ Standard 0601.02 “Metal Detectors for use in Concealed Weapon and Contraband Detection using an NAA 22 disassembled gun standard”, which was the result of extensive consultation with law enforcement and correction communities. These training aids are not considered firearms in the U.S. but should be treated with the same respect as a real gun and may be subject to country-specific import requirements. Each cutting edge and point has been blunted to ensure items are safe for training.

Export Control: EAR99

Export Control: EAR99

3-Gun Test Kit

SKU: TSK7100

Weight: 12 lb *(5.4 kg)*
Dimensions: 11 in x 13 in x 3 in *(27.9 cm x 33 cm x 7.6 cm)*

The 3-Gun Test Kit is designed to maintain and improve the security of federal buildings, courthouses, correctional facilities, and public buildings, as well as any other secure facility. Inside the case are three test objects labeled as NA-22/TKC0052 (NAA-.22 revolver), DA/TKC0138 (Derringer Model 95), and BR/TKC0511 (similar to the Beretta Jetfire 950 or FIE Titan .25). These test objects allow for the configuration and testing of any metal detector, allowing you to determine a machine setting that will detect your most dangerous metallic threat. Each test piece is cast in durable resin to minimize any safety concerns when conducting covert testing.This kit is particularly effective for testing operator alertness and training new operators. The TSK7100 complies with NIJ Standard-0601.01 “Walk-Through Metal Detectors for Use in Concealed Weapon and Contraband Detection”. There are no bullets included in this kit. It is considered a training or test piece and as such is not labeled as “INERT”.

Export Control: EAR99

Trace Quality Control (TQC) Kit

SKU: TSK9552

Weight: 2 lb *(907.2 g)*
Dimensions: 8 in x 10 in x 3 in *(20.3 cm x 25.4 cm x 7.6 cm)*

The Trace Quality Control (TQC) Kit allows users to perform Red Team penetration testing using real explosive materials without the hazards and restrictions of bulk explosives. The 3 unique samples of clay-like material each contain a small amount of real explosive material added (RDX, PETN, and TNT). This small amount of explosive material is easily detectable with today’s ETDs but is perfectly safe to ship, carries no handling restrictions, and is even non-flammable.

DSA Detection®

EXPLOSIVE SIMULANTS & DETONATORS

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Export Control #: EAR99

Inert DetPak Binary Explosive Simulant

SKU: TSK0108

Weight: 6.4 oz *(181 g)* **Dimensions:** 8.1 in x 2.4 in x 2.4 in *(20.5 cm x 6 cm x 6 cm)*

This training aid simulates a binary liquid blasting explosive (TEXPAK). The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Liquid*
Field of Use: *Commercial*

Export Control #: EAR99

Inert Trojan Cast Booster (.75 lb)

SKU: TSK1500

Weight: 12 oz *(340 g)* **Dimensions:** 4.8 in x 2.1 in x 2.1 in *(12.3 cm x 5.4 cm x 5.4 cm)*

This training aid simulates a cast explosive booster. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. It has a through hole for easy insertion of detonating cord or a blasting cap.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Cast Solid*
Field of Use: *Commercial*

Export Control #: EAR99

Inert Soviet Dynamite

SKU: TSK1600

Weight: 8.6 oz *(247 g)* **Dimensions:** 8.6 in x 1.5 in x 1.5 in *(21.9 cm x 3.7 cm x 3.7 cm)*

This training aid simulates Soviet dynamite. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Solid*
Field of Use: *Commercial*

Inert Sweaty Dynamite

SKU: TSK1601

Weight: 9.9 oz *(282 g)* **Dimensions:** 8.7 in x 1.6 in x 1.6 in *(22 cm x 4 cm x 4 cm)*

As improperly stored dynamite ages, it can exude nitroglycerin, which crystalizes and makes the movement of the explosive very dangerous. Being able to recognize this hazard is important for first responders, law enforcement, and military personnel. This training aid simulates sweaty dynamite. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Solid*
Field of Use: *Commercial*

Export Control #: EAR99

Inert Yellow Dynamite

SKU: TSK1605

Weight: 2.4 oz *(68 g)* **Dimensions:** 8.7 in x 1.3 in x 1.3 in *(22 cm x 3.4 cm x 3.4 cm)*

The Inert Yellow Dynamite is designed to be high quality and durable. This training aid is not X-ray correct and will not generate the proper alarm in a material discrimination X-ray system. The TSK1605 is more cost-effective than our X-ray correct dynamites and is great for hands-on use and field training. This simulant is filled with sawdust and is waxed to be weather resistant, similar to the way dynamite was originally made. DSA's Inert Yellow Dynamite is used by national bomb squad training facilities for disruptor training and is biodegradable for easy range cleanup. This item can also be purchased as a case of 88.

Technology: *mmWave, Portable X-Ray*

Physical Form: *Solid*
Field of Use: *Commercial*

Export Control #: EAR99

Inert Nitro Dynamite

SKU: TSK1700

Weight: 9.9 oz *(282 g)* **Dimensions:** 8.7 in x 1.5 in x 1.5 in *(22 cm x 3.7 cm x 3.7 cm)*

This training aid simulates nitroglycerin (nitro) dynamite. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Solid*
Field of Use: *Commercial*

Export Control #: EAR99

Export Control #: EAR99

Inert Ammonium Dynamite

SKU: TSK1900

Weight: 9.6 oz *(273 g)* **Dimensions:** 8.7 in x 1.5 in x 1.5 in *(22 cm x 3.7 cm x 3.7 cm)*

This training aid simulates ammonium dynamite. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Solid*
Field of Use: *Commercial*

Export Control #: EAR99

Inert Extra Gelatin (E.G.) Dynamite

SKU: TSK2000

Weight: 10.4 oz *(294 g)* **Dimensions:** 8.7 in x 1.5 in x 1.5 in *(22 cm x 3.7 cm x 3.7 cm)*

This training aid simulates E.G. dynamite. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Solid*
Field of Use: *Commercial*

Export Control #: EAR99

Inert Commercial Pull Friction Igniter, Cardboard

SKU: TSK2323

Weight: 0.3 oz *(8 g)* **Dimensions:** 4.5 in x 0.4 in x 0.4 in *(11.5 cm x 1 cm x 1 cm)*

The Inert Cardboard Pull Friction Igniter is an inert version of the commercial igniter used to light safety, cannon, and hobby fuses. This training aid is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a fuse ignitor.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Commercial*

Inert Cast TNT (.75 lb)

SKU: TSK4200

Weight: 12.8 oz *(365 g)* **Dimensions:** 5.7 in x 2.8 in x 1.4 in *(14.5 cm x 7 cm x 3.5 cm)*

This training aid simulates cast TNT explosives. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Cast Solid*
Field of Use: *Commercial*

Export Control #: EAR99

Inert Flake TNT (1 lb)

SKU: TSK8000

Weight: 1 lb *(465 g)* **Dimensions:** 7.7 in x 5.7 in x 2.2 in *(19.5 cm x 14.5 cm x 5.5 cm)*

This training aid simulates flake TNT explosives. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Cast Solid*
Field of Use: *Commercial*

Export Control #: EAR99

Inert Bulk Flake TNT (2.5 lb)

SKU: TSK8000B

Weight: 2.5 lb *(1.1 kg)* **Dimensions:** 7.2 in x 4.9 in x 4.9 in *(18.4 cm x 12.5 cm x 12.5 cm)*

This training aid simulates bulk flake TNT and is available in larger quantities for custom builds. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Cast Solid*
Field of Use: *Commercial*

Export Control #: EAR99

Export Control #: EAR99

Inert ANFO (1 lb)

SKU: TSK8020

Weight: 1 lb *(462 g)* **Dimensions:** 7.7 in x 5.5 in x 1.4 in *(19.5 cm x 14 cm x 3.5 cm)*

This training aid simulates ammonium nitrate and fuel oil mixture (ANFO) explosives. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Prilled*
Field of Use: *Commercial*

Export Control #: EAR99

Inert Blasting Emulsion (.75 lb)

SKU: TSK8050

Weight: 12.5 oz *(354 g)* **Dimensions:** 8.9 in x 1.8 in x 1.8 in *(22.5 cm x 4.5 cm x 4.5 cm)*

This training aid simulates blasting emulsion explosives. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Emulsion/Gel*
Field of Use: *Commercial*

Export Control #: EAR99

Inert Nitromethane (34 oz)

SKU: TSK9080

Weight: 2.7 lb *(1.2 kg)* **Dimensions:** 9.6 in x 3.1 in x 3.1 in *(24.4 cm x 8 cm x 8 cm)*

This training aid simulates nitromethane. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Liquid*
Field of Use: *Commercial*

Inert Potassium Perchlorate (1 lb)

SKU: TSK1205

Weight: 1 lb *(463 g)* **Dimensions:** 7.2 in x 4.9 in x 4.9 in *(18.4 cm x 12.5 cm x 12.5 cm)*

This training aid simulates potassium perchlorate. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging. Unlike most explosives, chlorate explosives display green in most material discrimination X-ray systems.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Powder*
Field of Use: *HME*

Export Control #: EAR99

Inert Bulk Potassium Perchlorate (4.5 lb)

SKU: TSK1205B

Weight: 4.5 lb *(2.00 kg)* **Dimensions:** 7.2 in x 4.9 in x 4.9 in *(18.4 cm x 12.5 cm x 12.5 cm)*

This training aid simulates bulk potassium perchlorate and is available in larger quantities for custom builds. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. Unlike most explosives, chlorate explosives display green in most material discrimination X-ray systems.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Powder*
Field of Use: *HME*

Export Control #: EAR99

Inert Poor Man's C4 (1 lb)

SKU: TSK1210

Weight: 1 lb *(460 g)* **Dimensions:** 7.9 in x 4.7 in x 1 in *(20 cm x 12 cm x 2.5 cm)*

This training aid simulates Poor Man's C4. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging. Unlike most explosives, chlorate explosives display green in most material discrimination X-ray systems.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *HME*

Export Control #: EAR99

Export Control #: EAR99

Inert Bulk Poor Man's C4 (4.5 lb)

SKU: TSK1212

Weight: 4.7 lb *(2.1 kg)* **Dimensions:** 7.2 in x 4.9 in x 4.9 in *(18.4 cm x 12.5 cm x 12.5 cm)*

This training aid simulates bulk "poor man's C4" and is available in larger quantities for custom builds. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. Unlike most explosives, chlorate explosives display green in most material discrimination X-ray systems.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *HME*

Export Control #: EAR99

Inert Ammonium Nitrate (AN) (1 lb)

SKU: TSK8010

Weight: 1 lb *(467 g)* **Dimensions:** 7.7 in x 5.1 in x 1.8 in *(19.5 cm x 13 cm x 4.5 cm)*

This training aid simulates ammonium nitrate (AN) explosives. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Prilled*
Field of Use: *HME*

Export Control #: EAR99

Inert ANAL (1 lb)

SKU: TSK8085

Weight: 1 lb *(465 g)* **Dimensions:** 7.8 in x 5.5 in x 1.4 in *(19.7 cm x 14 cm x 3.5 cm)*

This training aid simulates ANAL (ammonium nitrate and aluminum powder). The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Powder*
Field of Use: *HME*

Export Control #: EAR99

Inert Hydrous HMTD (1 lb)

SKU: TSK9060

Weight: 1 lb *(473 g)* **Dimensions:** 7.7 in x 5.9 in x 1 in *(19.5 cm x 15 cm x 2.5 cm)*

This training aid simulates hydrous (damp) HMTD. It is designed to replicate HMTD that has not been completely cured during the manufacturing process. the TSK9060 simulates explosives that were discovered during a foiled European terror plot. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *HME*

Export Control #: EAR99

Inert Bulk HMTD (3 lb)

SKU: TSK9060B

Weight: 3.2 lb *(1.5 kg)* **Dimensions:** 7.2 in x 4.9 in x 4.9 in *(18.4 cm x 12.5 cm x 12.5 cm)*

This training aid simulates bulk hydrous HMTD and is available in larger quantities for custom builds. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *HME*

Export Control #: EAR99

Inert TATP (1 lb)

SKU: TSK9070

Weight: 1 lb *(465 g)* **Dimensions:** 7.7 in x 7.1 in x 1.8 in *(19.5 cm x 18 cm x 4.5 cm)*

This training aid simulates TATP. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Powder*
Field of Use: *HME*

Inert Liquid Peroxide (34 oz)

SKU: TSK9090

Weight: 2.9 lb *(1.3 kg)* **Dimensions:** 9.6 in x 3.1 in x 3.1 in *(24.4 cm x 8 cm x 8 cm)*

This training aid simulates liquid peroxide. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Liquid*
Field of Use: *HME*

Export Control #: EAR99

Inert Potassium Chlorate (1 lb)

SKU: TSK9576

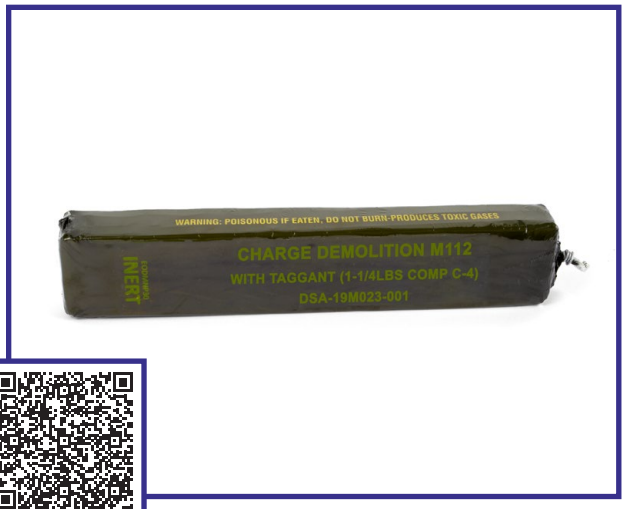
Weight: 1 lb *(462 g)* **Dimensions:** 7.7 in x 5.1 in x 1 in *(19.5 cm x 13 cm x 2.5 cm)*

This training aid simulates potassium chlorate. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging. Unlike most explosives, chlorate explosives display green in most material discrimination X-ray systems.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Powder*
Field of Use: *HME*

Export Control #: EAR99



Inert Demolition Charge, M112 C4 Simulant

SKU: EODMNP30

Weight: 1.3 lb *(600 g)* **Dimensions:** 11.8 in x 2.4 in x 1.6 in *(30 cm x 6 cm x 4 cm)*

This training aid is designed to be durable for field training and identical to a C4, M112 1.25 lb explosive charge, including double stick tape. This M112 simulant is not made of clay and will not dry out. It is not X-ray correct but may still generate an alarm in some X-ray systems.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Plastic Explosive*
Field of Use: *Military*

Export Control #: EAR99

Export Control #: EAR99

Inert Bulk C4 Simulant (5 lb)

SKU: EPE1-A-02268-0

Weight: 5.1 lb *(2.3 kg)* **Dimensions:** 4.7 in x 4.7 in x 7.1 in *(12 cm x 12 cm x 18 cm)*

This training aid is the most realistic C4 simulant available. This explosive simulant is visually correct and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive. Aditionally, this updated simulant feels identical to the real explosive material when handled, it is perfect for complicated IED builds. It will not dry out or go bad when removed from its packaging. This simulant is available in bulk quantities and in custom packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Plastic Explosive*
Field of Use: *Military*

Export Control #: EAR99

Inert M112 Block (C4)

SKU: EPE1-B-00567-0

Weight: 1.3 lb *(598 g)* **Dimensions:** 12 in x 2.2 in x 1 in *(30.5 cm x 5.5 cm x 2.5 cm)*

This training aid is the most realistic M112 Block simulant available. This C4 simulant is visually correct and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive. Aditionally, this updated simulant feels identical to the real explosive material when handled, it is perfect for complicated IED builds. It will not dry out or go bad when removed from its packaging. This simulant is available in bulk quantities and in custom packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Plastic Explosive*
Field of Use: *Military*

Export Control #: EAR99

Inert Plastic Explosive Simulant (1 lb)

SKU: EPE1-C-00454-0

Weight: 1.1 lb *(480 g)* **Dimensions:** 5.9 in x 5.9 in x 0.8 in *(15 cm x 15 cm x 2 cm)*

This training aid is made from the most realistic C4 simulant available. It is visually correct and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive. Aditionally, this updated simulant feels identical to the real explosive material when handled, it is perfect for complicated IED builds. It will not dry out or go bad when removed from its packaging. This simulant is available in bulk quantities and in custom packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Plastic Explosive*
Field of Use: *Military*

Export Control #: EAR99

Inert Bulk Semtex H Simulant (5 lb)

SKU: EPE2-A-02268-0

Weight: 5.1 lb *(2.3 kg)* **Dimensions:** 4.7 in x 4.7 in x 7.1 in *(12 cm x 12 cm x 18 cm)*

This training aid is the most realistic Semtex H simulant available. This explosive simulant is visually correct and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive. Aditionally, this updated simulant feels identical to the real explosive material when handled, it is perfect for complicated IED builds. It will not dry out or go bad when removed from its packaging. This simulant is available in bulk quantities and in custom packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Plastic Explosive*
Field of Use: *Military*

Export Control #: EAR99

Inert Semtex H Simulant

SKU: EPE2-B-00500-0

Weight: 1.1 lb *(512 g)* **Dimensions:** 5.7 in x 2.8 in x 2 in *(14.5 cm x 7 cm x 5 cm)*

This training aid is the most realistic Semtex H simulant available. It is visually correct and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive. Aditionally, this updated simulant feels identical to the real explosive material when handled, it is perfect for complicated IED builds. It will not dry out or go bad when removed from its packaging. This simulant is available in bulk quantities and in custom packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Plastic Explosive*
Field of Use: *Military*

Export Control #: EAR99

Inert Semtex H Simulant, Patty (1 lb)

SKU: EPE2-C-00454-0

Weight: 1.1 lb *(480 g)* **Dimensions:** 5.9 in x 5.9 in x 0.8 in *(15 cm x 15 cm x 2 cm)*

This training aid is made from the most realistic Semtex H simulant available. It is visually correct and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive. Aditionally, this updated simulant feels identical to the real explosive material when handled, it is perfect for complicated IED builds. It will not dry out or go bad when removed from its packaging. This simulant is available in bulk quantities and in custom packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Plastic Explosive*
Field of Use: *Military*

Export Control #: EAR99

Inert Bulk 1A Simulant (5 lb)

SKU: EPE3-A-02268-0

Weight: 5.1 lb *(2.3 kg)* **Dimensions:** 4.7 in x 4.7 in x 7.1 in *(12 cm x 12 cm x 18 cm)*

This training aid is the most realistic Semtex 1A simulant available. This explosive simulant is visually correct and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive. Aditionally, this updated simulant feels identical to the real explosive material when handled, it is perfect for complicated IED builds. It will not dry out or go bad when removed from its packaging. This simulant is available in bulk quantities and in custom packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Plastic Explosive*
Field of Use: *Military*

Export Control #: EAR99

Inert Semtex 1A Simulant

SKU: EPE3-B-00500-0

Weight: 1.1 lb *(515 g)* **Dimensions:** 5.7 in x 2.8 in x 2 in *(14.5 cm x 7 cm x 5 cm)*

This training aid is the most realistic Semtex 1A simulant available. It is visually correct and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive. Aditionally, this updated simulant feels identical to the real explosive material when handled, it is perfect for complicated IED builds. It will not dry out or go bad when removed from its packaging. This simulant is available in bulk quantities and in custom packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Plastic Explosive*
Field of Use: *Military*

Export Control #: EAR99

Inert Bulk Semtex 10 Simulant (5 lb)

SKU: EPE4-A-02268-0

Weight: 5.1 lb *(2.3 kg)* **Dimensions:** 4.7 in x 4.7 in x 7.1 in *(12 cm x 12 cm x 18 cm)*

This training aid is the most realistic Semtex 10 simulant available. This explosive simulant is visually correct and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive. Aditionally, this updated simulant feels identical to the real explosive material when handled, it is perfect for complicated IED builds. It will not dry out or go bad when removed from its packaging. This simulant is available in bulk quantities and in custom packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Plastic Explosive*
Field of Use: *Military*

Export Control #: EAR99

Inert Semtex 10 Simulant

SKU: EPE4-B-00500-0

Weight: 1.1 lb *(515 g)* **Dimensions:** 5.7 in x 2.8 in x 2 in *(14.5 cm x 7 cm x 5 cm)*

This training aid is the most realistic Semtex 10 simulant available. It is visually correct and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive. Aditionally, this updated simulant feels identical to the real explosive material when handled, it is perfect for complicated IED builds. It will not dry out or go bad when removed from its packaging. This simulant is available in bulk quantities and in custom packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Plastic Explosive*
Field of Use: *Military*

Export Control #: EAR99

Inert P.E.4, Long (.75 lb)

SKU: TSK1300

Weight: 10.7 oz *(303 g)* **Dimensions:** 8.6 in x 1.6 in x 1.6 in *(21.8 cm x 4 cm x 4 cm)*

This training aid simulates P.E.4. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Plastic Explosive*
Field of Use: *Military*

Export Control #: EAR99

Inert P.E.4, Short (.5 lb)

SKU: TSK1400

Weight: 7.5 oz *(211 g)* **Dimensions:** 5.2 in x 1.8 in x 1.8 in *(13.2 cm x 4.5 cm x 4.5 cm)*

This training aid simulates P.E.4. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Plastic Explosive*
Field of Use: *Military*

Inert Flake Pentolite (1 lb)

SKU: TSK1495

Weight: 1 lb *(458 g)* **Dimensions:** 7.7 in x 6.2 in x 2 in *(19.5 cm x 15.8 cm x 5 cm)*

This training aid simulates flake pentolite. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Cast Solid*
Field of Use: *Military*

Export Control #: EAR99

Inert Military M1 Dynamite

SKU: TSK1800

Weight: 9.3 oz *(261 g)* **Dimensions:** 8.7 in x 1.5 in x 1.5 in *(22 cm x 3.7 cm x 3.7 cm)*

This training aid simulates military M1 dynamite. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Solid*
Field of Use: *Military*

Export Control #: EAR99

Inert M118 (Flex-X) Charge Simulant

SKU: TSK2250

Weight: 2.4 lb *(1.1 kg)* **Dimensions:** 14 in x 3.5 in x 1.4 in *(35.5 cm x 9 cm x 3.5 cm)*

This training aid simulates an M118 (Flex-X) demolition charge. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. It consists of four sheet explosives, each with breachers tape.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Plastic Explosive*
Field of Use: *Military*

Export Control #: EAR99

Export Control #: EAR99

Inert Time Fuse (72 in)

SKU: TSK3500

Weight: 1.3 oz *(36 g)* **Dimensions:** 6.5 in x 6.2 in x 0.2 in *(16.6 cm x 15.7 cm x 0.5 cm)*

This training aid simulates military time fuse. The pyrotechnic simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real fuse. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Military*

Export Control #: EAR99

Inert Detonation Cord (72 in)

SKU: TSK4100

Weight: 1.4 oz *(40 g)* **Dimensions:** 6.7 in x 6.7 in x 0.2 in *(17 cm x 17 cm x 0.5 cm)*

This training aid simulates blasting detonation (Det) cord. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Military*

Export Control #: EAR99

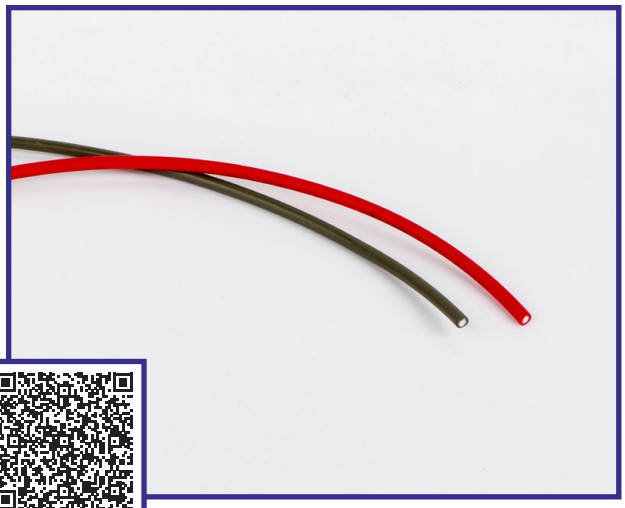
Inert Bulk Detonation Cord (Braided Cloth Sheath)

SKU: TSK4110

This training aid simulates blasting detonation (Det) cord. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging and is sold by the foot.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Military*



Inert Bulk Detonation Cord (Synthetic Smooth Sheath)

SKU: TSK4120

This training aid simulates military detonation (Det) cord. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging and is sold by the foot.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Military*

Export Control #: EAR99

Inert Detonation Cord (Smooth, Synthetic Sheath) 6 ft

SKU: TSK4121

Weight: 1.8 oz *(50 g)* **Dimensions:** 6.9 in x 6.9 in x 0.3 in *(17.5 cm x 17.5 cm x 0.8 cm)*

This training aid simulates military detonation (Det) cord. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Military*

Export Control #: EAR99

Inert Military TNT (.5 lb)

SKU: TSK4201

Weight: 8.6 oz *(247 g)* **Dimensions:** 3.8 in x 1.8 in x 1.8 in *(9.6 cm x 4.6 cm x 4.6 cm)*

This training aid simulates military TNT explosives. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Cast Solid*
Field of Use: *Military*

Export Control #: EAR99

Inert Military TNT (1 lb)

SKU: TSK4202

Weight: 1.1 lb *(484 g)* **Dimensions:** 7.3 in x 1.8 in x 1.8 in *(18.5 cm x 4.6 cm x 4.6 cm)*

This training aid simulates military TNT explosives. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Cast Solid*
Field of Use: *Military*

Export Control #: EAR99

Inert Sheet Explosive (1.5 lb)

SKU: TSK8040

Weight: 1.5 lb *(680 g)* **Dimensions:** 12.4 in x 10.4 in x 0.4 in *(31.5 cm x 26.5 cm x 1 cm)*

This training aid simulates C-7 Detasheet explosives. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom thickness or bulk quantities/packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Plastic Explosive*
Field of Use: *Military*

Export Control #: EAR99

Inert PLX Liquid Explosive (34 oz)

SKU: TSK9085

Weight: 2.6 lb *(1.2 kg)* **Dimensions:** 9.6 in x 3.1 in x 3.1 in *(24.4 cm x 8 cm x 8 cm)*

This training aid simulates Picatinny Liquid Explosive (PLX). The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Liquid*
Field of Use: *Military*

Export Control #: EAR99

Inert RDX (1 lb)

SKU: TSK9095

Weight: 1 lb *(467 g)* **Dimensions:** 7.5 in x 4.7 in x 1.4 in *(19 cm x 12 cm x 3.5 cm)*

This training aid simulates RDX. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Powder*
Field of Use: *Military*

Export Control #: EAR99

Inert Bulk RDX (3 lb)

SKU: TSK9095B

Weight: 3 lb *(1.4 kg)* **Dimensions:** 7.2 in x 4.9 in x 4.9 in *(18.4 cm x 12.5 cm x 12.5 cm)*

This training aid simulates bulk RDX and is available in larger quantities for custom builds. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Powder*
Field of Use: *Military*

Export Control #: EAR99

Inert ETN Simulant (1 lb)

SKU: TSK9096

Weight: 1 lb *(454 g)* **Dimensions:** 9.6 in x 3.1 in x 3.1 in *(24.4 cm x 8 cm x 8 cm)*

This training aid simulates ETN. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Powder*
Field of Use: *Military*

Export Control #: EAR99

Inert PETN (1 lb)

SKU: TSK9099

Weight: 1 lb *(464 g)* **Dimensions:** 7.5 in x 5.5 in x 1 in *(19 cm x 14 cm x 2.5 cm)*

This training aid simulates PETN. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Powder*
Field of Use: *Military*

Export Control #: EAR99

Inert Smokeless Powder (1 lb)

SKU: TSK3300

Weight: 1.1 lb *(512 g)* **Dimensions:** 6.5 in x 3.2 in x 3.2 in *(16.4 cm x 8.1 cm x 8.1 cm)*

This training aid simulates smokeless powder. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Powder*
Field of Use: *Pyrotechnic*

Export Control #: EAR99

Inert Binary Exploding Target Simulant (1 lb)

SKU: TSK3350

Weight: 1.1 lb *(510 g)* **Dimensions:** 6.5 in x 3.2 in x 3.2 in *(16.4 cm x 8.1 cm x 8.1 cm)*

This training aid simulates a binary exploding target (Tannerite). The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Prilled*
Field of Use: *Pyrotechnic*

Export Control #: EAR99

Inert Black Powder (1 lb)

SKU: TSK3400

Weight: 1.1 lb *(510 g)* **Dimensions:** 6.5 in x 3.2 in x 3.2 in *(16.4 cm x 8.1 cm x 8.1 cm)*

This training aid simulates black powder. The explosive simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Powder*
Field of Use: *Pyrotechnic*

Export Control #: EAR99

Inert Hobby Fuse (36 in)

SKU: TSK3600

Weight: 0.5 oz *(13 g)* **Dimensions:** 4.1 in x 4.4 in x 0.2 in *(10.4 cm x 11.3 cm x 0.5 cm)*

This training aid simulates hobby or cannon time fuse. The pyrotechnic simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real fuse. This simulant can also be purchased in custom/bulk quantities or packaging.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Pyrotechnic*

Export Control #: EAR99

Inert Thermite (1 lb)

SKU: TSK8060

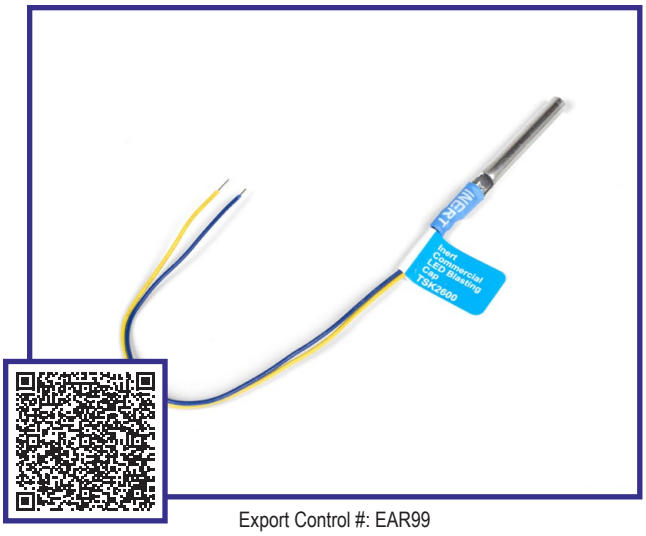
Weight: 1 lb *(463 g)* **Dimensions:** 7.9 in x 4.7 in x 1 in *(20 cm x 12 cm x 2.5 cm)*

This training aid simulates thermite. This pyrotechnic simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as real thermite. This simulant can also be purchased in custom/bulk quantities or packaging. Unlike most explosives, thermite displays blue in most material discrimination X-ray systems.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Powder*
Field of Use: *Pyrotechnic*

Export Control #: EAR99



Export Control #: EAR99

Inert LED Commercial Electrical Blasting Cap

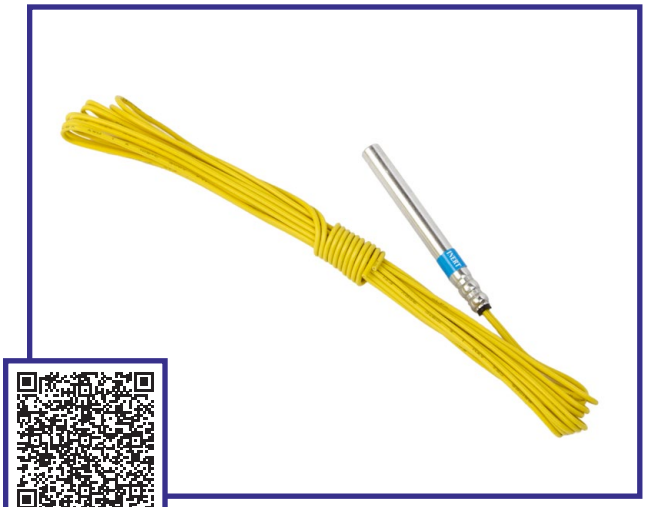
SKU: TSK2600

Weight: 1 oz *(25 g)* **Dimensions:** 6 in x 0.6 in x 0.7 in *(15.2 cm x 1.6 cm x 1.9 cm)*

The LED commercial electrical blasting cap simulates a functioned IED circuit by illuminating an LED light. This X-ray correct, inert commercial detonator is an electrically initiated blasting cap. This cap accurately simulates the bridge wire, lead azide/lead styphnate, and main charge (RDX/PETN) in most X-ray systems. This blasting cap simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. It does not have electrical continuity or an "inerting hole".

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Commercial*



Export Control #: EAR99

Inert Electric Blasting Cap (Shunted)

SKU: TSK2602

Weight: 0.8 oz *(21 g)* **Dimensions:** 6.1 in x 0.8 in x 0.6 in *(15.5 cm x 2 cm x 1.5 cm)*

This X-ray correct, inert commercial detonator is an electrically initiated blasting cap. This cap accurately simulates the bridge wire, lead azide/lead styphnate, and main charge (RDX/PETN) in most X-ray systems This blasting cap simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This cap shows electrical continuity. It does not have an "inerting hole". This simulant is also sold in bulk quantities of 25 or 50.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Commercial*

Export Control #: EAR99

Inert Electric Blasting Cap (25 ct)

SKU: TSK2605

Weight: 1.2 lb *(554 g)* **Dimensions:** 6.5 in x 5.5 in x 2.4 in *(16.5 cm x 14 cm x 6 cm)*

This X-ray correct, inert commercial detonator is an electrically initiated blasting cap. This cap accurately simulates the bridge wire, lead azide/lead styphnate, and main charge (RDX/PETN) in most X-ray systems This blasting cap simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This cap shows electrical continuity. It does not have an "inerting hole". This simulant is also sold by itself or in bulk quantities of 50.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Commercial*

Export Control #: EAR99

Inert Electric Blasting Cap (50 ct)

SKU: TSK2606

Weight: 2.4 lb *(1.1 kg)* **Dimensions:** 7.9 in x 5.5 in x 2.4 in *(20 cm x 14 cm x 6 cm)*

This X-ray correct, inert commercial detonator is an electrically initiated blasting cap. This cap accurately simulates the bridge wire, lead azide/lead styphnate, and main charge (RDX/PETN) in most X-ray systems. This blasting cap simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This cap shows electrical continuity. It does not have an "inerting hole". This simulant is also sold by itself or in bulk quantities of 25.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Commercial*

Export Control #: EAR99

Inert Commercial Blasting Cap

SKU: TSK2800

Weight: 0.8 oz *(23 g)* **Dimensions:** 6 in x 0.6 in x 0.5 in *(15.2 cm x 1.5 cm x 1.2 cm)*

This X-ray correct, inert commercial detonator is an electrically initiated blasting cap. This cap accurately simulates the bridge wire, lead azide/lead styphnate, and main charge (RDX/PETN) in most X-ray systems. This blasting cap simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. It does not have electrical continuity or an "inerting hole".

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Commercial*

Export Control #: EAR99

Inert Commercial Fuse Head Blasting Cap

SKU: TSK2820

Weight: 0.6 oz *(18 g)* **Dimensions:** 6.1 in x 0.6 in x 0.4 in *(15.5 cm x 1.5 cm x 1 cm)*

This X-ray correct, inert commercial detonator is an electrically initiated blasting cap. This cap accurately simulates the fuse head, primary explosives, and main charge in most X-ray systems. This blasting cap simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This cap shows electrical continuity. It does not have an "inerting hole"

Technology: *Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Commercial*

Export Control #: EAR99

Inert Improvised Light Bulb Detonator

SKU: TSK0192

Weight: 0.3 oz *(7 g)* **Dimensions:** 6.5 in x 0.4 in x 0.4 in *(16.6 cm x 0.9 cm x 0.9 cm)*

This X-ray correct, inert improvised light bulb detonator is an electrically initiated blasting cap that is very similar to what is being used by terrorists overseas. The initiator part of the detonator comes from a string of decorative lights, reinforcing how simple, everyday objects can easily be transformed into IED components. This blasting cap simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This cap shows electrical continuity. It does not have an "inerting hole".

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *HME*

Export Control #: EAR99

Inert Improvised Blasting Cap

SKU: TSK3000

Weight: 1 oz *(27 g)* **Dimensions:** 6 in x 0.8 in x 0.6 in *(15.2 cm x 2 cm x 1.5 cm)*

This X-ray correct, inert improvised copper tube detonator is an electrically initiated blasting cap. This cap accurately simulates the ignition, primary explosive, and main charge in most X-ray systems. This blasting cap simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. It does not have electrical continuity or an "inerting hole"

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *HME*

Export Control #: EAR99

Inert Cardboard Blasting Cap

SKU: TSK4700

Weight: 0.6 oz *(19 g)* **Dimensions:** 8.5 in x 0.4 in x 0.4 in *(21.5 cm x 1 cm x 1 cm)*

This X-ray correct, inert, improvised detonator is an electrically initiated blasting cap. This cap accurately simulates the fuse head, primary explosives, and main charge in most X-ray systems. This blasting cap simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This cap shows electrical continuity. It does not have an "inerting hole"

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *HME*

Export Control #: ITAR

Inert M81 Fuse Igniter

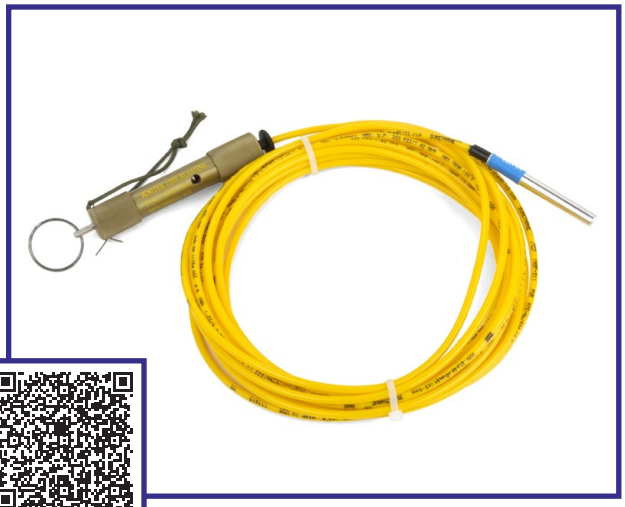
SKU: TSK0033

Weight: 1.1 oz *(34 g)* **Dimensions:** 6.3 in x 0.8 in x 0.8 in *(16 cm x 2 cm x 2 cm)*

The inert M81 igniter replicates a military igniter used with a time fuse or shocktube (NONEL/MDI). This training aid is engineered to have the same density and effective atomic number (Z_{eff}) as a fuse igniter. This item is ITAR restricted and requires special licensing for most international sales. An ITAR-compliant version of this training aid is also available.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Military*



Export Control #: ITAR

Inert M81 Fuse Igniter With Shock Tube

SKU: TSK1105

Weight: 2.4 oz *(70 g)* **Dimensions:** 9.8 in x 5.9 in x 1.2 in *(25 cm x 15 cm x 3 cm)*

This training aid simulates an X-ray correct firing circuit designed to function using a military M81 igniter and shock tube (NONEL/MDI). Once paired with one of our patented explosive simulants, this assembly completes all the necessary components of a non-electrically initiated IED. The TSK1105 can also be used for hands-on demolition training. This flexibility allows for more training and testing opportunities. Each component is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real firing assembly. An ITAR-compliant version of this training aid is also available.

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Military*

Export Control #: ITAR

Inert M81 Fuse Igniter With Time Fuse

SKU: TSK1106

Weight: 1.9 oz *(55 g)* **Dimensions:** 5.9 in x 3.9 in x 1.2 in *(15 cm x 10 cm x 3 cm)*

This training aid simulates an X-ray correct firing circuit designed to function using a military M81 igniter and a time delay fuse. Once paired with one of our patented explosive simulants, this assembly completes all the necessary components of a non-electrically initiated IED. The TSK1106 can also be used for hands-on demolition training. This flexibility allows for more training and testing opportunities. Each component is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real firing assembly. An ITAR-compliant version of this training aid is also available

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Military*

Export Control #: EAR99

Inert Non-Electrical Blasting Cap

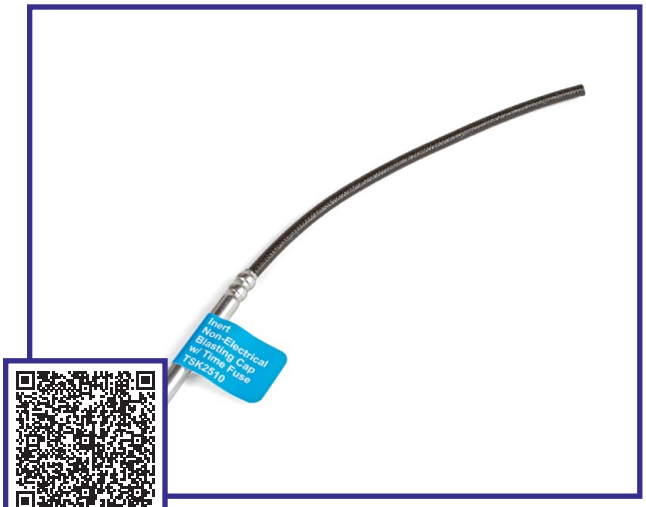
SKU: TSK2500

Weight: 0.2 oz *(3 g)* **Dimensions:** 2.2 in x 0.2 in x 0.2 in *(5.7 cm x 0.6 cm x 0.6 cm)*

This X-ray correct, inert military M7 detonator is a non-electrically initiated blasting cap. This blasting cap simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This cap accurately simulates the lead azide/lead styphnate, and the main charge (RDX/PETN) in most X-ray systems. It does not have electrical continuity or an "inerting hole".

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Military*



Export Control #: EAR99

Inert Non-Electrical Blasting Cap w/ Time Fuse

SKU: TSK2510

Weight: 0.2 oz *(6 g)* **Dimensions:** 7.3 in x 0.2 in x 0.2 in *(18.5 cm x 0.6 cm x 0.6 cm)*

This X-ray correct, inert military M7 detonator is a non-electrically initiated blasting cap crimped on 6 in of time fuse. This blasting cap simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This cap accurately simulates the lead azide/lead styphnate, and main charge (RDX/PETN) in most X-ray systems. It does not have electrical continuity or an "inerting hole".

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Military*

Export Control #: EAR99

Inert LED Military Electrical Blasting Cap

SKU: TSK2700

Weight: 1 oz *(26 g)* **Dimensions:** 6 in x 0.6 in x 0.6 in *(15.2 cm x 1.6 cm x 1.4 cm)*

The LED military electrical blasting cap simulates a functioned IED circuit by illuminating an LED light. This X-ray correct, inert military detonator is an electrically initiated blasting cap. This cap accurately simulates the bridge wire, lead azide/lead styphnate, and main charge (RDX/PETN) in most X-ray systems. This blasting cap simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. It does not have electrical continuity or an "inerting hole".

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Military*

Export Control #: EAR99

Inert Military Electrical Blasting Cap

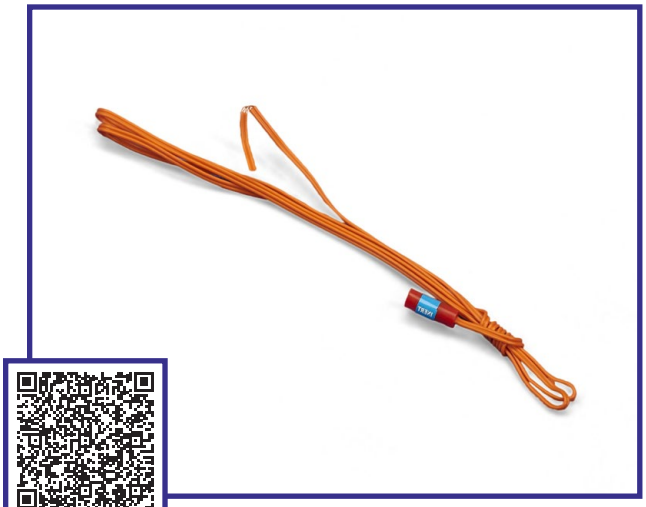
SKU: TSK2900

Weight: 1 oz *(26 g)* **Dimensions:** 4.9 in x 0.7 in x 0.7 in *(12.5 cm x 1.7 cm x 1.7 cm)*

This X-ray correct, inert military M6 detonator is an electrically initiated blasting cap. This cap accurately simulates the bridge wire, lead azide/lead styphnate, and main charge (RDX/PETN) in most X-ray systems. This blasting cap simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This cap shows electrical continuity. It does not have an "inerting hole".

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Military*



Export Control #: EAR99

Inert Electric Match / Squib

SKU: TSK4800

Weight: 0.6 oz *(16 g)* **Dimensions:** 6.3 in x 0.8 in x 0.6 in *(16 cm x 2 cm x 1.5 cm)*

This X-ray correct, inert squib/E-match is electrically initiated and similar to a blasting cap. These are commercially available and easily modified to initiate explosives. This X-ray correct, inert improvised detonator is an electrically initiated blasting cap. This cap accurately simulates the fuse head, primary explosives, and main charge in most X-ray systems. This initiator simulant is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as the real pyrotechnic threat. This E-match shows electrical continuity. It does not have an "inerting hole"

Technology: *mmWave, Portable X-Ray, Backscatter, Computed Tomography (CT), Single and Multiple X-Ray Generator Systems*

Physical Form: *Other*
Field of Use: *Pyrotechnic*

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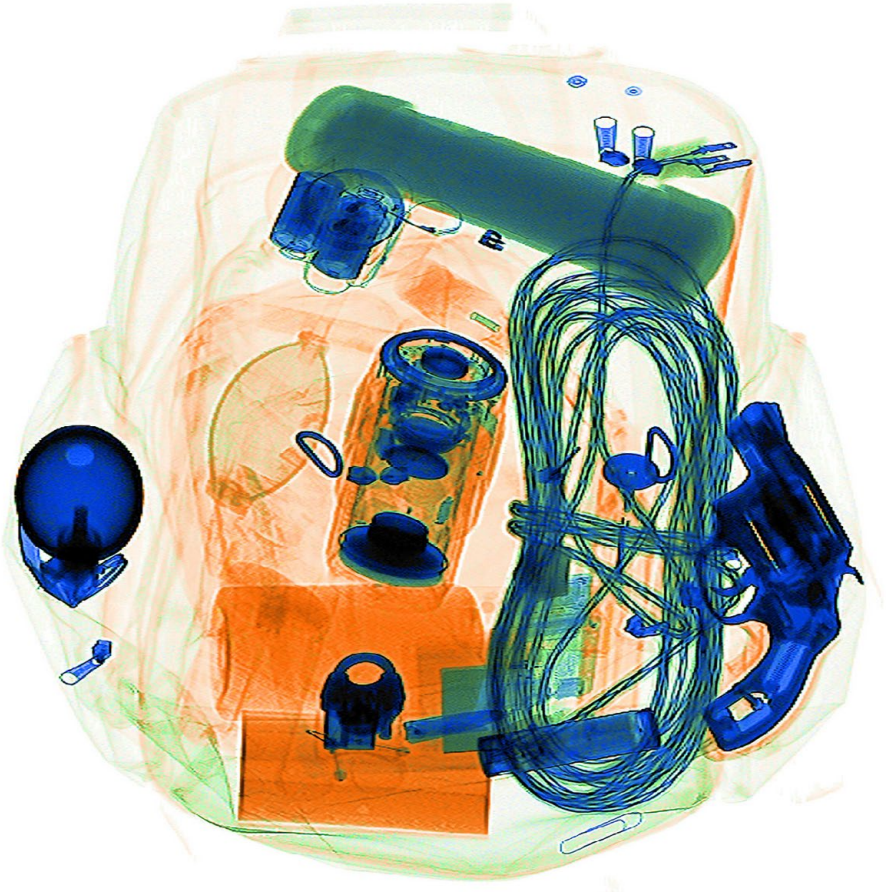


Rev 1

Table of Contents

Improvised C-cell Battery Pack

SKU: TSK0022

Weight: 8 oz *(227 g)* **Dimensions:** 1.5 in x 1.5 in x 7 in *(3.8 cm x 3.8 cm x 17.8 cm)*

Similar to what is used in Afghanistan, this improved C-cell battery pack provides classroom and X-ray training on an uncommon threat component. This device matches the density and Z_{eff} of the actual item.

Export Control: EAR99

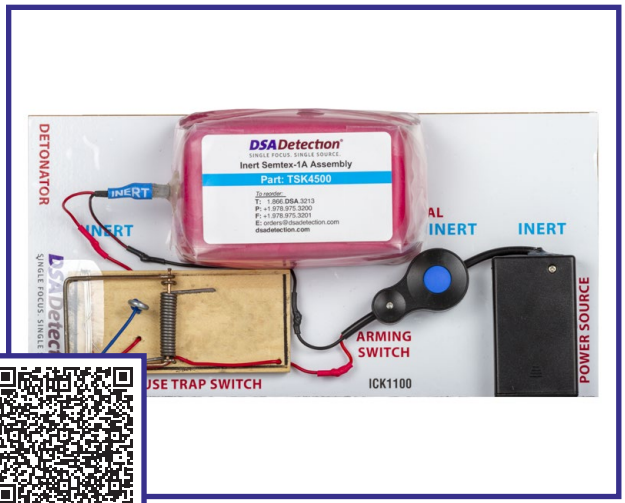
Inert Pressure Pad Switch

SKU: ICK1025

Weight: 1.9 lb *(850 g)* **Dimensions:** 10 in x 5 in x 2 in *(25.5 cm x 12.7 cm x 5.1 cm)*

The X-ray correct, inert pressure pad firing circuit will function via pressure. The circuit board contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert pyrotechnic simulant. Powered by four AA batteries, this IED circuit would be activated by applying pressure to the pressure pad switch. The X-ray correct thermite pyrotechnic simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. Unlike most explosives, thermite displays blue in most material discrimination X-ray systems.

Export Control: EAR99



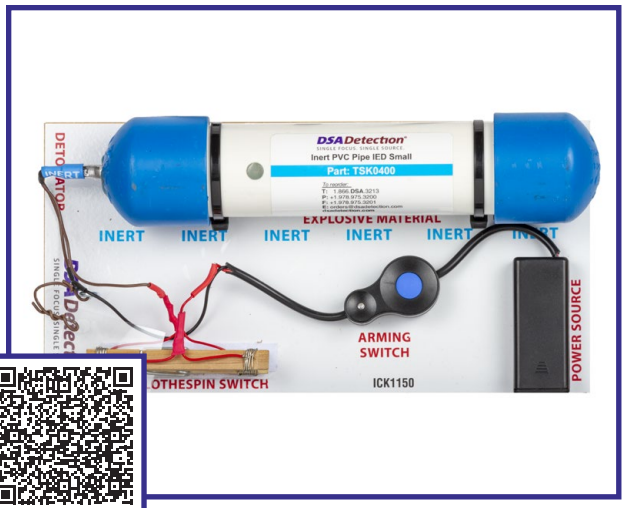
Inert Mousetrap Switch

SKU: ICK1100

Weight: 1.8 lb *(810 g)* **Dimensions:** 10 in x 5 in x 2.6 in *(25.5 cm x 12.7 cm x 6.6 cm)*

The X-ray correct, inert mousetrap firing circuit will function via pressure release or pull. The circuit board contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by two AA batteries, this IED circuit would be activated by the modified mousetrap switch. The mousetrap switch can be activated when pressure is removed from the bail, or the insulator is removed. The X-ray correct Semtex 1A simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99



Inert Clothespin Switch

SKU: ICK1150

Weight: 1.7 lb *(761 g)* **Dimensions:** 10 in x 5 in x 2.4 in *(25.5 cm x 12.7 cm x 6 cm)*

The X-ray correct, inert, clothespin switch firing circuit will function via pressure, pressure release, or pull. The circuit board contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by two AAA batteries, this IED circuit would be activated by the modified clothespin switch. The clothespin switch can be activated when either side makes contact (pressure or pressure release) or the insulator is removed. The X-ray correct nitroglycerin dynamite simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

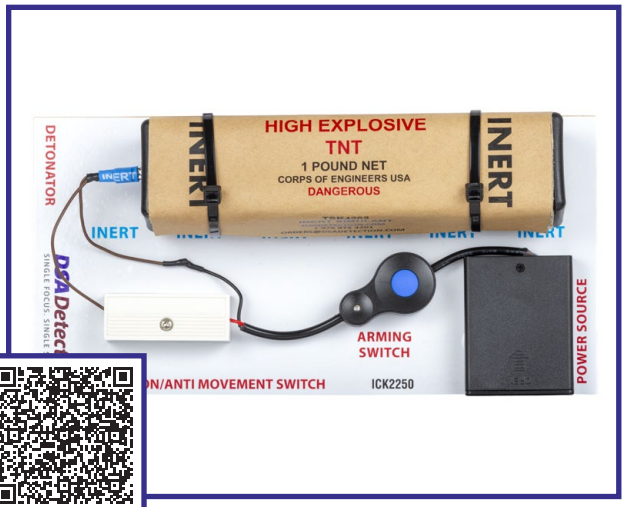
Inert Wireless Doorbell

SKU: ICK2200

Weight: 1.7 lb *(782 g)* **Dimensions:** 10 in x 5 in x 2 in *(25.5 cm x 12.7 cm x 5 cm)*

The X-ray correct, inert, wireless doorbell firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by emitting an audible tone or illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by two AA batteries inside of the wireless doorbell, this IED circuit would be activated when the remote doorbell button is pressed. The X-ray correct PETN simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99



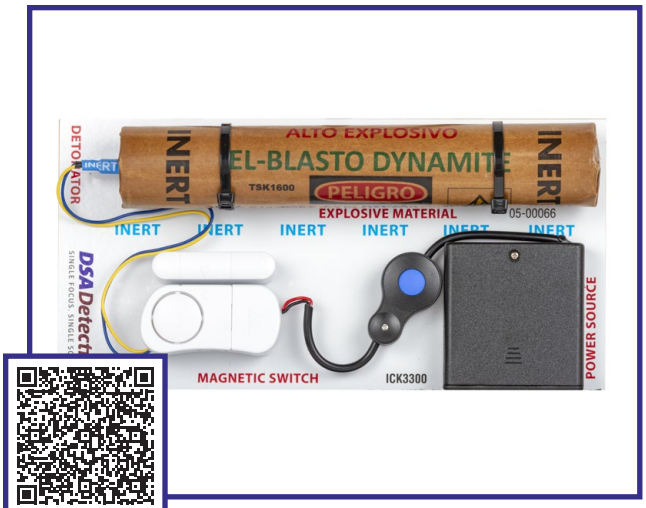
Inert Vibration Anti-Movement Switch

SKU: ICK2250

Weight: 2 lb *(915 g)* **Dimensions:** 10 in x 5 in x 2.6 in *(25.5 cm x 12.7 cm x 6.5 cm)*

The X-ray correct, inert, vibration anti-movement switch firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by emitting an audible tone or illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by four AAA batteries, this IED circuit would be activated by movement or vibration via the commercial anti-vibration switch. The military TNT explosive simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99



Inert Magnetic Reed Switch

SKU: ICK3300

Weight: 1.6 lb *(719 g)* **Dimensions:** 10 in x 5 in x 2.1 in *(25.5 cm x 12.7 cm x 5.4 cm)*

The X-ray correct, inert, magnetic-reed switch firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by emitting an audible tone or illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by four AAA batteries, this IED circuit would be activated when the second part of the magnetic reed switch is removed. The dynamite simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert RCIED Cell Phone

SKU: ICK3350

Weight: 1.7 lb *(777 g)* **Dimensions:** 10 in x 5 in x 2 in *(25.5 cm x 12.7 cm x 5.1 cm)*

The X-ray correct, inert, RCIED cell phone firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by a 9V battery, this IED circuit would be activated remotely by calling the cell phone. It is designed to simulate a “remote-controlled IED” (RCIED). The AN (ammonium nitrate) simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert RCIED Radio

SKU: ICK4400

Weight: 1.6 lb *(709 g)* **Dimensions:** 10 in x 5 in x 2 in *(25.4 cm x 12.7 cm x 5 cm)*

The X-ray correct, inert, RCIED radio firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by the walkie-talkie’s internal AAA batteries, this IED circuit would be remotely activated by sending a signal from one walkie-talkie to the other. It is designed to simulate a “remote-controlled IED” (RCIED). The TATP simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Passive Infrared (PIR) Motion Sensor

SKU: ICK5500

Weight: 1.8 lb *(827 g)* **Dimensions:** 10 in x 5 in x 2.2 in *(25.5 cm x 12.7 cm x 5.6 cm)*

The X-ray correct, inert, passive infrared (PIR) motion-sensor firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by four AA batteries, this IED circuit would be activated when the PIR senses movement. The blasting emulsion explosive simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

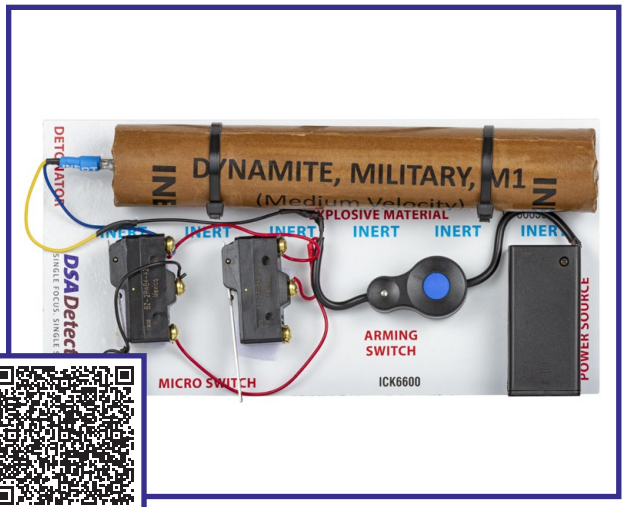
Inert Homemade Pressure Switch

SKU: ICK5550

Weight: 1.6 lb *(730 g)* **Dimensions:** 10 in x 5 in x 2 in *(25.5 cm x 12.7 cm x 5.1 cm)*

The X-ray correct, inert, homemade pressure switch firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by a 9-volt battery, this IED circuit would be activated when the two saw blades press together. The E.G. dynamite simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99



Inert Micro Switch (Pressure/Pressure Release)

SKU: ICK6600

Weight: 1.9 lb *(876 g)* **Dimensions:** 10 in x 5 in x 2 in *(25.5 cm x 12.7 cm x 5 cm)*

The X-ray correct, inert, micro-switch (pressure/pressure release) firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by a 9-volt battery, this IED circuit would be activated by pressure applied to or released from the micro switch. The military M1 dynamite simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

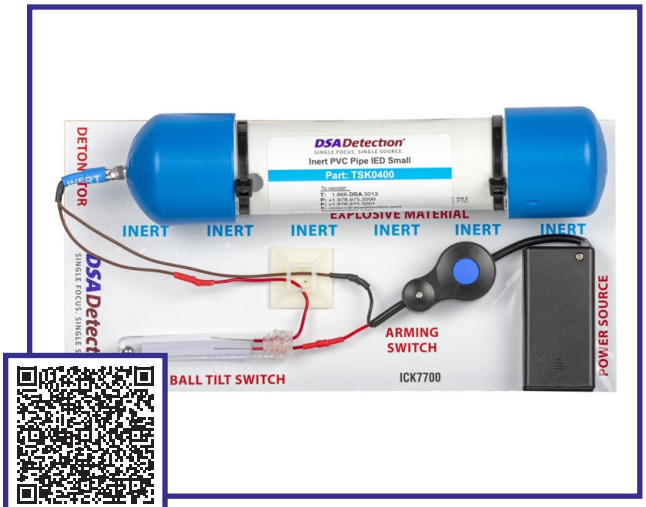
Inert Digital Timer

SKU: ICK6650

Weight: 2 lb *(904 g)* **Dimensions:** 10 in x 5 in x 2.8 in *(25.5 cm x 12.7 cm x 7 cm)*

The X-ray correct, inert, digital timer firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by emitting an audible tone or illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by a 9-volt battery, this IED circuit would be activated when the digital timer counts down to zero. The cast booster simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99



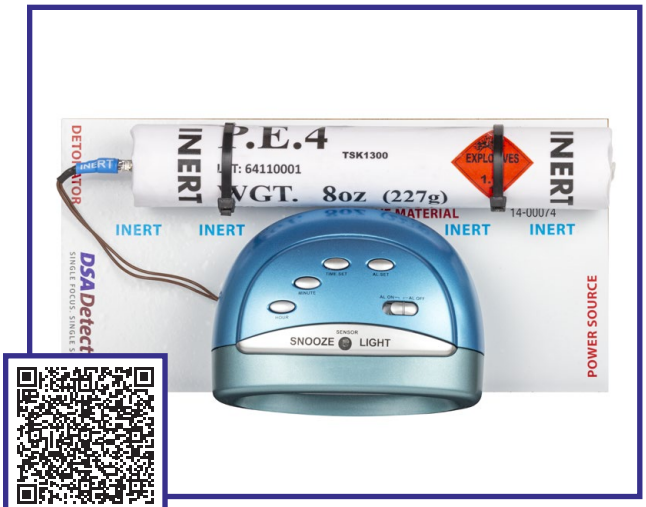
Inert Ball Tilt Switch

SKU: ICK7700

Weight: 2.2 lb *(994 g)* **Dimensions:** 10 in x 5 in x 2.5 in *(25.5 cm x 12.7 cm x 6.4 cm)*

The X-ray correct, inert, ball-tilt switch firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by two AA batteries, this IED circuit would be activated when the improvised ball in the tilt switch comes in contact with the two wire leads. The pipe bomb is a PVC pipe with inert black powder. The X-ray correct black powder simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99



Inert Electronic Time Delay (hours)

SKU: ICK7750

Weight: 2.1 lb *(936 g)* **Dimensions:** 10 in x 5 in x 3 in *(25.4 cm x 12.7 cm x 7.6 cm)*

The X-ray correct, inert, electronic time delay firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by emitting an audible tone or illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by two AA batteries, this IED circuit would be activated by a digital time alarm circuit. The P.E.4 simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Mechanical Time Delay (hours)

SKU: ICK8800

Weight: 2.6 lb *(1.2 kg)* **Dimensions:** 10 in x 5 in x 3 in *(25.5 cm x 12.7 cm x 7.6 cm)*

The X-ray correct, inert, mechanical time delay firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by two D batteries, this IED circuit would be activated by a mechanical time alarm circuit. The military TNT simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Mechanical Time Delay (minutes)

SKU: ICK8850

Weight: 2.3 lb *(1 kg)* **Dimensions:** 10 in x 5 in x 2 in *(25.5 cm x 12.7 cm x 5.1 cm)*

The X-ray correct, inert, mechanical time delay firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by two D batteries, this IED circuit would be activated by a mechanical countdown time circuit. The Semtex 10 simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Homemade Vibration Switch

SKU: ICK9900

Weight: 1.5 lb *(680 g)* **Dimensions:** 10 in x 5 in x 3 in *(25.4 cm x 12.7 cm x 7.6 cm)*

The X-ray correct, inert, homemade vibration switch firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by a 9V battery, this IED circuit would be activated when the doorstop spring makes contact with the wire loop. The cast TNT simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Mechanical Altimeter Switch

SKU: ICK9905

Weight: 1.9 lb *(850 g)* **Dimensions:** 10 in x 5 in x 2.4 in *(25.5 cm x 12.7 cm x 6 cm)*

The X-ray correct, inert mechanical altimeter switch contains all of the necessary components of an improvised explosive device (IED). The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by two C batteries, this IED circuit would be activated by rotating the bezel on the altimeter to the desired elevation. Once the elevation is reached, the altimeter needle will complete the circuit. The X-ray correct ANFO (ammonium nitrate-fuel oil) simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Electric Temperature Switch

SKU: ICK9915

Weight: 2.1 lb *(949 g)* **Dimensions:** 10 in x 5 in x 2.5 in *(25.5 cm x 12.7 cm x 6.3 cm)*

The X-ray correct, inert, electric temperature switch firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by emitting an audible tone or illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by two C batteries, this IED circuit would be activated when the electrical temperature sensor alarms due to a temperature difference. The Semtex H simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

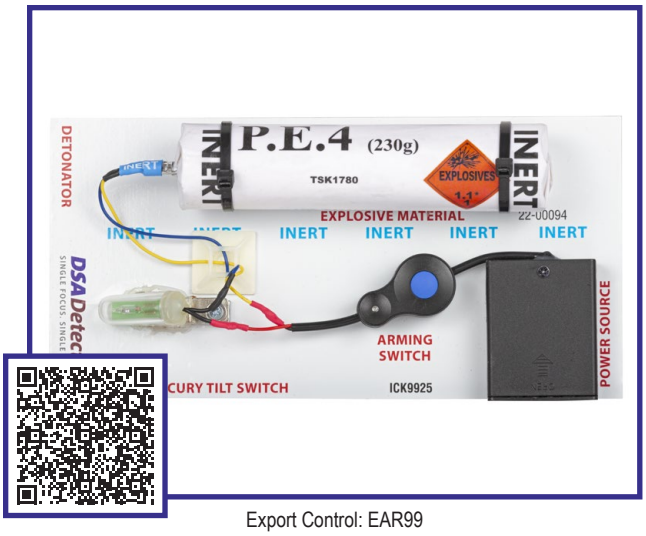
Inert Mechanical Temperature Switch

SKU: ICK9920

Weight: 3 lb *(1.4 kg)* **Dimensions:** 10 in x 5 in x 2.4 in *(25.5 cm x 12.7 cm x 6 cm)*

The X-ray correct, inert, mechanical temperature switch firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by four AAA batteries, this IED circuit would be activated when the mechanical thermometer arm makes contact with the circuit. The pipe bomb is a steel pipe with inert black powder. The X-ray correct black powder simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99



Inert Mercury Tilt Switch

SKU: ICK9925

Weight: 1.5 lb *(683 g)* **Dimensions:** 10 in x 5 in x 2 in *(25.5 cm x 12.7 cm x 5.1 cm)*

The X-ray correct, inert, mercury tilt-switch firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by four AAA batteries, this IED circuit would be activated when the mercury makes contact with the two wire leads. The P.E.4 simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

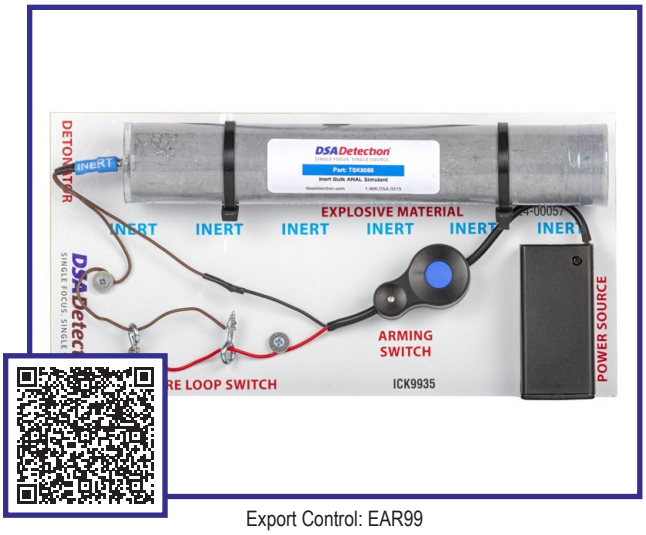
Inert Light Sensitive Photocell

SKU: ICK9930

Weight: 2 lb *(907 g)* **Dimensions:** 10 in x 5 in x 2 in *(25.5 cm x 12.7 cm x 5 cm)*

The X-ray correct, inert, light-sensitive photocell firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by a 9V battery, this IED circuit would be activated when the container holding the photodiode is opened. When the diode is exposed to light, it completes the circuit. The M112 C4 simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99



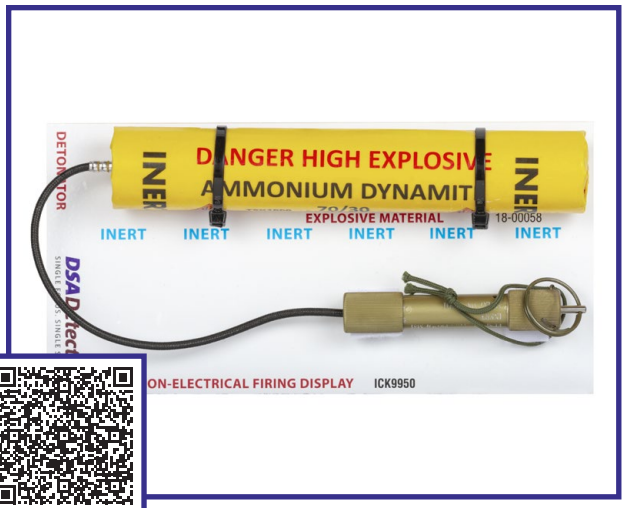
Inert Wire Loop Switch

SKU: ICK9935

Weight: 1.8 lb *(819 g)* **Dimensions:** 10 in x 5 in x 2.2 in *(25.5 cm x 12.7 cm x 5.6 cm)*

The X-ray correct, inert, wire loop switch firing circuit contains all of the necessary components of an improvised explosive device (IED). The circuit is fully functional and will demonstrate that the firing switch has been activated by illuminating the LED in the blasting cap. The circuit board contains an X-ray correct battery, wire, switch, detonator, and inert explosive. Powered by a 9V battery, this IED circuit would be activated when the two eye screw loops are pulled and come into contact with each other, completing the circuit. The ANAL (ammonium nitrate-aluminum) explosive simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99



Inert Non-Electrical Firing Display

SKU: ICK9950

Weight: 1.4 lb *(636 g)* **Dimensions:** 10 in x 5 in x 2 in *(25.5 cm x 12.7 cm x 5 cm)*

The X-ray correct, inert non-electrical firing display contains all of the necessary components of a non-electrically initiated explosive device. This board contains the basic configuration of a non-electrical firing system, utilizing a military-style pull igniter, time fuse, and a non-electrical blasting cap. The display simulates an explosive device that is activated by an M81 fuse igniter. The ammonium dynamite simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This item is ITAR restricted and requires special licensing for most international sales. An ITAR-compliant version of this training aid is also available.

Export Control: ITAR

Inert Micro Switch Pressure Release

SKU: MTK1101

Weight: 1.40 lb *(614 g)* **Dimensions:** 9.3 in x 9.3 in x 5.6 in *(23.5 cm x 23.5 cm x 14.1 cm)*

This simulated mail threat is an X-ray correct package bomb with a pressure-release switch. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The dynamite explosive simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. To assist in classroom training, a picture of the internal components is displayed on the outer packaging with each of the P.I.E.S. components identified. This helps build image association without compromising the training aid.

Export Control: EAR99

Inert Mousetrap Pull Switch

SKU: MTK1202

Weight: 2.1 lb *(957 g)* **Dimensions:** 13 in x 11.1 in x 2.5 in *(32.9 cm x 28.2 cm x 6.3 cm)*

This simulated mail threat is an X-ray correct package bomb with an improvised pull switch. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The plastic explosive simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. To assist in classroom training, a picture of the internal components is displayed on the outer packaging with each of the P.I.E.S. components identified. This helps build image association without compromising the training aid.

Export Control: EAR99

Inert Small Envelope, Razors

SKU: MTK1303

Weight: 2.6 oz *(73 g)* **Dimensions:** 9.6 in x 4.1 in x 0 in *(24.4 cm x 10.3 cm x 0.1 cm)*

This simulated mail threat is an X-ray correct, non-explosive, sharps threat. This type of device has been historically used as a letter device against judicial officials. The blades in this device have been dulled for safety. To assist in classroom training, a picture of the internal components is displayed on the outer packaging. This helps build image association without compromising the training aid.

Export Control: EAR99

Inert Small Envelope, White Powder

SKU: MTK1404

Weight: 12.2 oz *(344 g)* **Dimensions:** 9.6 in x 4.1 in x 0 in *(24.4 cm x 10.3 cm x 0.1 cm)*

This simulated mail threat is an X-ray correct, non-explosive, white powder threat. This type of device has been historically used as a letter device against politicians and in hoax incidents. The powder in this device is inert and nontoxic. The envelope is sealed to prevent contamination in training.

Export Control: EAR99

Inert Metal Pipe IED with Photocell

SKU: MTK1505

Weight: 4.5 lb *(2 kg)* **Dimensions:** 15.6 in x 11.4 in x 3.1 in *(39.6 cm x 29 cm x 8 cm)*

This simulated mail threat is an X-ray correct package bomb with a light-sensitive switch. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The metal pipe bomb simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. To assist in classroom training, a picture of the internal components is displayed on the outer packaging with each of the P.I.E.S. components identified. This helps build image association without compromising the training aid.

Export Control: EAR99

Export Control: EAR99

Inert Wire Loop Switch

SKU: MTK1707

Weight: 1.00 lb *(477 g)* **Dimensions:** 14.8 in x 10.6 in x 0.7 in *(37.5 cm x 26.9 cm x 1.7 cm)*

This simulated mail threat is an X-ray correct package bomb with a loop switch. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The Detasheet simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. To assist in classroom training, a picture of the internal components is displayed on the outer packaging with each of the P.I.E.S. components identified. This helps build image association without compromising the training aid.

Export Control: EAR99

Inert Clothespin Pull Switch

SKU: MTK1808

Weight: 2 lb *(912 g)* **Dimensions:** 13.4 in x 3.1 in x 3.1 in *(34 cm x 8 cm x 8 cm)*

This simulated mail threat is an X-ray correct package bomb with an improvised pull switch. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The PVC pipe bomb simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. To assist in classroom training, a picture of the internal components is displayed on the outer packaging with each of the P.I.E.S. components identified. This helps build image association without compromising the training aid.

Export Control: EAR99

Inert Wire Loop with Lead Sheet

SKU: MTK1909

Weight: 15 oz *(425 g)* **Dimensions:** 12.5 in x 9.5 in x 1 in *(31.8 cm x 24.1 cm x 2.5 cm)*

This simulated mail threat is an X-ray correct package bomb with an improvised loop switch. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The Det cord simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. Portions of the device are shielded from X-ray examination with a lead sheet. To assist in classroom training, a picture of the internal components is displayed on the outer packaging with each of the P.I.E.S. components identified. This helps build image association without compromising the training aid.

Inert Chemical IED

SKU: MTK2000

Weight: 4.4 lb *(2 kg)* **Dimensions:** 13.6 in x 11.4 in x 3.1 in *(34.6 cm x 29 cm x 8 cm)*

This simulated mail threat is an X-ray correct chemical bomb with a pressure release switch. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED, with the blasting cap acting as a bursting charge in place of conventional explosives. The inert blasting cap is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This training aid is designed to simulate a binary chemical device, where once functioned, the two chemicals would mix and create a noxious substance. The simulated chemicals in this device are inert and nontoxic. To assist in classroom training, a picture of the internal components is displayed on the outer packaging with each of the P.I.E.S. components identified. This helps build image association without compromising the training aid.

Export Control: EAR99

Inert Anti Probe

SKU: MTK2101

Weight: 2.2 lb *(1 kg)* **Dimensions:** 9.4 in x 9.4 in x 5.5 in *(24 cm x 24 cm x 14 cm)*

This simulated mail threat is an X-ray correct package bomb with an anti-open switch. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The PVC pipe bomb simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. This type of switch is commonly referred to as a foil or anti-penetration switch. It uses kitchen cooking foil to create contacts on the exterior of the box. A knife would close the circuit and function the device. To assist in classroom training, a picture of the internal components is displayed on the outer packaging with each of the P.I.E.S. components identified. This helps build image association without compromising the training aid.

Export Control: EAR99

Inert Barometric Pressure Switch

SKU: MTK2202

Weight: 2.1 lb *(962 g)* **Dimensions:** 13 in x 11.1 in x 2.5 in *(32.9 cm x 28.2 cm x 6.3 cm)*

This simulated mail threat is an X-ray correct package bomb with an improvised barometric pressure (altitude) switch. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The Semtex H simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. To assist in classroom training, a picture of the internal components is displayed on the outer packaging with each of the P.I.E.S. components identified. This helps build image association without compromising the training aid.

Export Control: EAR99

Musical Greeting Card Normal and Inert IED

SKU: MTK2303

Weight: 10.2 oz *(289 g)* **Dimensions:** 8.7 in x 5.9 in x 0.4 in *(22.1 cm x 15 cm x 1.1 cm)*

This simulated mail threat is an X-ray correct letter bomb with a modified pull switch. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The Detasheet simulant is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat. Due to the complexity and popularity of musical greeting cards, an unmodified (original) card is included with this device. To assist in classroom training, a picture of the internal components is displayed on the outer packaging with each of the P.I.E.S. components identified. This helps build image association without compromising the training aid.

Export Control: EAR99

Inert Express Envelope, White Powder

SKU: MTK2505

Weight: 4.3 oz *(123 g)* **Dimensions:** 12.4 in x 9.6 in x 0.2 in *(31.4 cm x 24.3 cm x 0.5 cm)*

This simulated mail threat is an X-ray correct, non-explosive, white powder threat. This type of device has been historically used as a letter device against politicians and in hoax incidents. The powder in this device is inert and nontoxic. This simulant is sealed inside the envelope to prevent contamination in training.

Export Control: EAR99

Inert RCIED Cell Phone Trigger Assembly

SKU: TSK0800

Weight: 8.5 oz *(242 g)* **Dimensions:** 5.9 in x 3.3 in x 1.2 in *(15 cm x 8.5 cm x 3 cm)*

This training aid simulates an X-ray correct firing circuit designed to function using a cell phone or remote-controlled IED (ECIED) circuit. Once paired with our patented explosive simulant, this assembly completes all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. This flexibility allows for more training and testing opportunities. Each component is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real firing assembly.

Export Control: EAR99

Export Control: EAR99

Inert Electronic Time Delay (Hours) Assembly

SKU: TSK0900

Weight: 7.7 oz *(217 g)* **Dimensions:** 4.9 in x 3.5 in x 2.6 in *(12.4 cm x 9 cm x 6.5 cm)*

This training aid simulates an X-ray correct firing circuit designed to function using an alarm clock timer circuit. Once paired with our patented explosive simulant, this assembly completes all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. This flexibility allows for more training and testing opportunities. Each component is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real firing assembly.

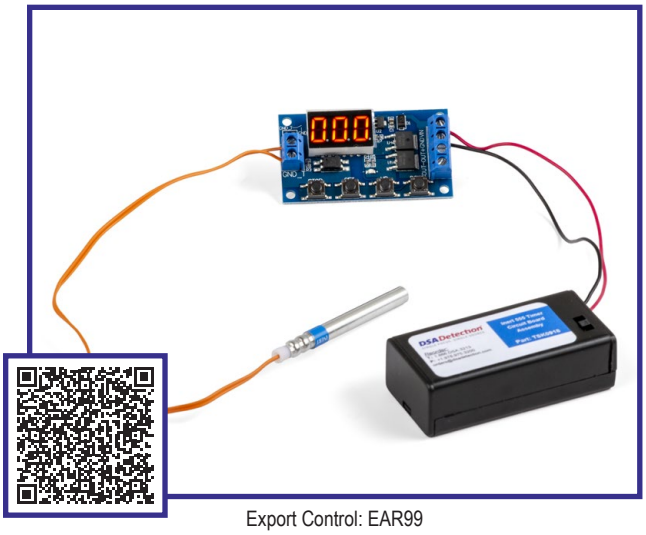
Export Control: EAR99

Inert Electronic Time Delay (Minutes) Assembly

SKU: TSK0910

Weight: 4 oz *(114 g)* **Dimensions:** 3.7 in x 2.3 in x 1.6 in *(9.5 cm x 5.8 cm x 4 cm)*

This training aid simulates an X-ray correct firing circuit designed to function using a kitchen timer circuit. Once paired with our patented explosive simulant, this assembly completes all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. This flexibility allows for more training and testing opportunities. Each component is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real firing assembly.



Export Control: EAR99

Inert 555 Timer Circuit Board Assembly

SKU: TSK0918

Weight: 3 oz *(88 g)* **Dimensions:** 8.5 in x 4 in x 3.8 in *(21.6 cm x 10.2 cm x 9.7 cm)*

This training aid simulates an X-ray correct firing circuit designed to function using a 555 timer (Hollywood timer) circuit. Once paired with our patented explosive simulant, this assembly completes all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. This flexibility allows for more training and testing opportunities. Each component is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real firing assembly.

Export Control: EAR99

Inert PIR Motion Sensor Light Assembly

SKU: TSK1100

Weight: 7 oz *(198 g)* **Dimensions:** 4.8 in x 3.1 in x 3.1 in *(12.3 cm x 8 cm x 8 cm)*

This training aid simulates an X-ray correct firing circuit designed to function using a passive infrared (PIR) motion sensor. Once paired with our patented explosive simulant, this assembly completes all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. This flexibility allows for more training and testing opportunities. Each component is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real firing assembly.

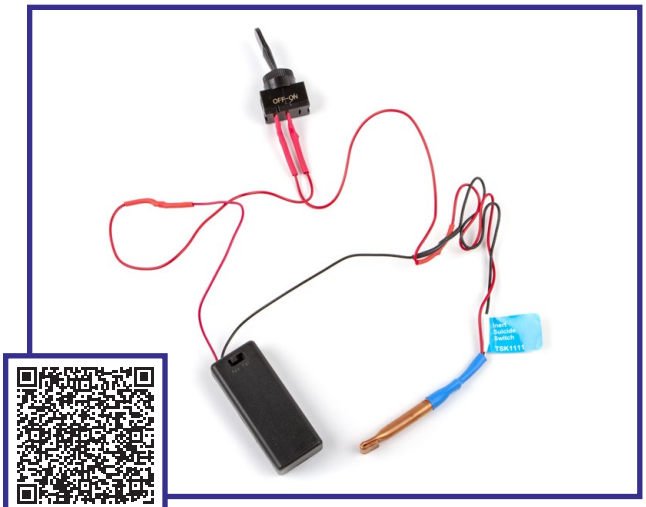
Export Control: EAR99

Inert Soda Can IED

SKU: TSK1103

Weight: 13 oz *(368 g)* **Dimensions:** 5.9 in x 2.6 in x 2.6 in *(15 cm x 6.5 cm x 6.5 cm)*

The inert soda can IED contains an X-ray correct C4 explosive filler initiated by 1 ft of time fuse inserted into a non-electrical detonator. This IED contains an initiator, explosive, and switch (time fuse). Each component is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real firing assembly.



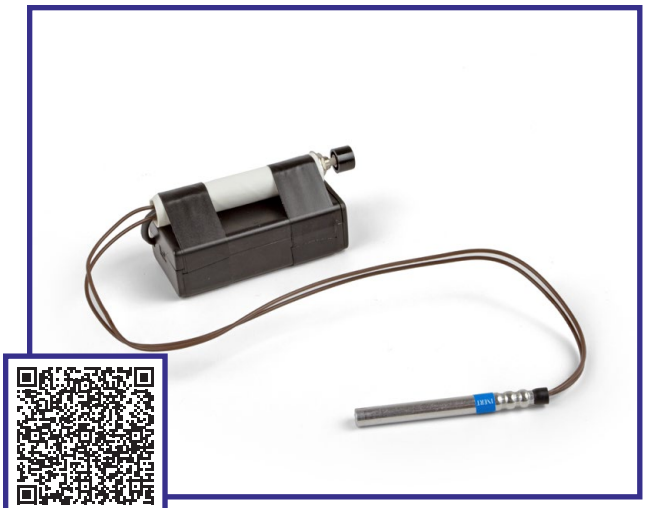
Export Control: EAR99

Inert Suicide Switch Assembly

SKU: TSK1111

Weight: 2.1 oz *(60 g)* **Dimensions:** 3.9 in x 1.5 in x 1.8 in *(10 cm x 3.8 cm x 4.5 cm)*

This training aid simulates an X-ray correct firing circuit designed to function when the trigger switch is pressed. Once paired with our patented explosive simulant, this assembly completes all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. This flexibility allows for more training and testing opportunities. Each component is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real firing assembly.



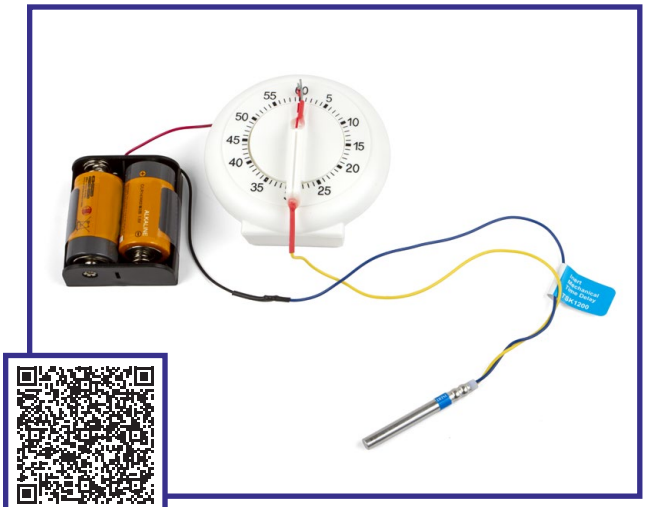
Inert Hostage Switch Assembly

SKU: TSK1122

Weight: 2.1 oz *(60 g)* **Dimensions:** 3.7 in x 1.4 in x 1.4 in *(9.4 cm x 3.5 cm x 3.5 cm)*

This training aid simulates an X-ray correct firing circuit designed to function when the dead-man switch is released. Once paired with our patented explosive simulant, this assembly completes all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. This flexibility allows for more training and testing opportunities. Each component is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real firing assembly.

Export Control: EAR99



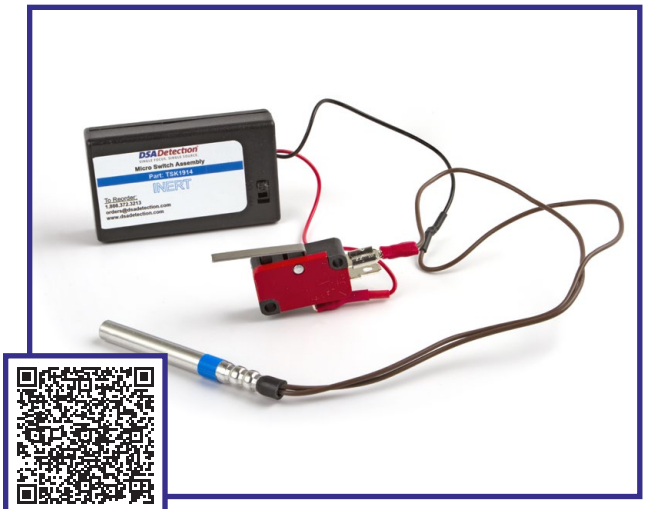
Inert Mechanical Time Delay Assembly

SKU: TSK1200

Weight: 8.2 oz *(232 g)* **Dimensions:** 3.7 in x 2.6 in x 2.8 in *(9.5 cm x 6.5 cm x 7 cm)*

This training aid simulates an X-ray correct firing circuit designed to function using a time delay circuit. Once paired with one of our patented explosive simulants, this assembly completes all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. This flexibility allows for more training and testing opportunities. Each component is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real firing assembly.

Export Control: EAR99



Inert Micro Switch Assembly

SKU: TSK1914

Weight: 2.4 oz *(68 g)* **Dimensions:** 3.7 in x 1.6 in x 1.4 in *(9.5 cm x 4 cm x 3.5 cm)*

This training aid simulates an X-ray correct firing circuit designed to function using pressure or pressure release. Once paired with one of our patented explosive simulants, this assembly completes all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. This flexibility allows for more training and testing opportunities. Each component is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real firing assembly.

Export Control: EAR99

Export Control: EAR99

Inert Vibration Sensor Assembly

SKU: TSK2400

Weight: 4 oz *(115 g)* **Dimensions:** 4.1 in x 2 in x 1.8 in *(10.5 cm x 5 cm x 4.5 cm)*

This training aid simulates an X-ray correct firing circuit designed to function using a vibration or movement. Once paired with one of our patented explosive simulants, this assembly completes all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. This flexibility allows for more training and testing opportunities. Each component is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real firing assembly.

Export Control: EAR99

Inert Laptop IED (Screen Concealment)

SKU: CED0001

This training aid simulates an X-ray correct IED concealed in the screen of a laptop computer. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is Detasheet and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Stuffed Animal IED

SKU: CED0003

This training aid simulates an X-ray correct IED concealed in a plush toy. It is nonelectric and uses time fuse to initiate the device. The X-ray correct explosive simulant is 6ft of Det cord and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Due to fluctuating availability of commercial-off-the-shelf (COTS) products, some concealed IED products may vary due to supply and demand at the time of order. Be assured DSA will always supply equal to or better quality products that meet the technical aspects required.

Inert Tablet IED

SKU: CED0004

This training aid simulates an X-ray correct IED concealed in a tablet or e-reader. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is Detasheet and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Child's Toy IED

SKU: CED0005

This training aid simulates an X-ray correct IED concealed in a child's electronic toy. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is ANFO (ammonium nitrate-fuel oil) and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Smartphone RCIED (Sheet)

SKU: CED0006

This training aid simulates an X-ray correct IED concealed in a smartphone case. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is Detasheet and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Due to fluctuating availability of commercial-off-the-shelf (COTS) products, some concealed IED products may vary due to supply and demand at the time of order. Be assured DSA will always supply equal to or better quality products that meet the technical aspects required.

Inert Boom Box IED

SKU: CED0012

This training aid simulates an X-ray correct IED concealed in a boom-box radio. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is C4 and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Computer Bag IED

SKU: CED0013

This training aid simulates an X-ray correct IED concealed in a computer bag or backpack. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is P.E.4 and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Small Suitcase IED

SKU: CED0016

This training aid simulates an X-ray correct IED concealed in a carry-on suitcase. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is ANFO (ammonium nitrate-fuel oil) and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Duffle Bag IED

SKU: CED0017

This training aid simulates an X-ray correct IED concealed in a duffel or gym-style bag. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is Semtex H and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Drone IED

SKU: CED0018

This training aid simulates an X-ray correct IED concealed in a drone. This device cannot fly and is only meant to conceal the device. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is C4 and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Tennis Shoe IED

SKU: CED0019

This training aid simulates an X-ray correct IED concealed in a pair of athletic shoes. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is Semtex H and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Due to fluctuating availability of commercial-off-the-shelf (COTS) products, some concealed IED products may vary due to supply and demand at the time of order. Be assured DSA will always supply equal to or better quality products that meet the technical aspects required.

Inert Hiking Boot IED

SKU: CED0020

This training aid simulates an X-ray correct IED concealed in a pair of hiking boots. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is PETN and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Sandal Shoe IED

SKU: CED0021

This training aid simulates an X-ray correct IED concealed in a pair of thong sandals or flip-flops. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is Detasheet and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

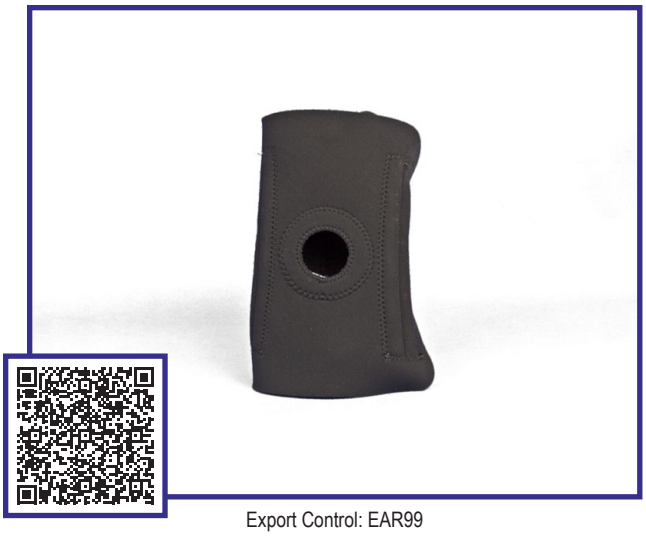
Export Control: EAR99

Inert Belt IED

SKU: CED0022

This training aid simulates an X-ray correct IED concealed in a belt. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is Detasheet and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99



Inert Knee Brace IED

SKU: CED0024

This training aid simulates an X-ray correct IED concealed in an elastic brace. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is 12ft of Det cord and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Hand Brace IED

SKU: CED0025

This training aid simulates an X-ray correct IED concealed in an elastic brace. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is about 100g of HMTD and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Printer Cartridge IED

SKU: CED0028

This training aid simulates an X-ray correct IED concealed in a printer toner cartridge. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is PETN and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Electric Screwdriver IED

SKU: CED0030

This training aid simulates an X-ray correct IED concealed in an electric screwdriver power tool. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is PETN and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Baseball Hat IED

SKU: CED0035

This training aid simulates an X-ray correct IED concealed in a baseball-style hat or cap. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is Detasheet and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Picnic Cooler IED

SKU: CED0036

This training aid simulates an X-ray correct IED concealed in a hard-sided, insulated cooler or thermos. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is Semtex H and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Light Jacket IED

SKU: CED0037

This training aid simulates an X-ray correct IED concealed in a lightweight jacket. . It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is Detasheet and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

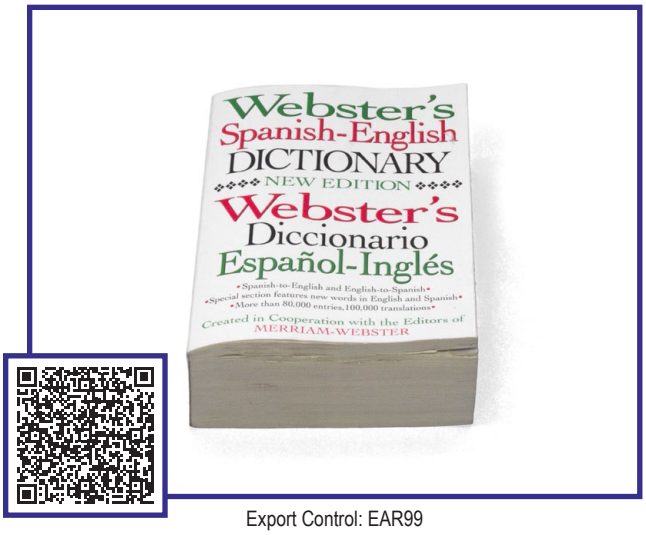
Export Control: EAR99

Inert Heavy Jacket IED

SKU: CED0038

This training aid simulates an X-ray correct IED concealed in a heavyweight jacket. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is TATP and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99



Inert Paperback Book IED

SKU: CED0041

This training aid simulates an X-ray correct IED concealed in a hollowed-out book. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is cast TNT and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Due to fluctuating availability of commercial-off-the-shelf (COTS) products, some concealed IED products may vary due to supply and demand at the time of order. Be assured DSA will always supply equal to or better quality products that meet the technical aspects required.

Inert Hardcover Book IED

SKU: CED0042

This training aid simulates an X-ray correct IED concealed in a hollowed-out book. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant consists of four CO2 cartridges filled with inert explosives that are engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Coffee Mug IED

SKU: CED0047

This training aid simulates an X-ray correct IED concealed in an insulated travel mug. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is HMTD and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Neck Pillow IED

SKU: CED0048

This training aid simulates an X-ray correct IED concealed in a travel pillow. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is C4 and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Due to fluctuating availability of commercial-off-the-shelf (COTS) products, some concealed IED products may vary due to supply and demand at the time of order. Be assured DSA will always supply equal to or better quality products that meet the technical aspects required.

Inert Backpack / Pressure Cooker IED

SKU: CED0050

This training aid simulates an X-ray-correct IED constructed from a pressure cooker concealed in a backpack. It is designed to closely replicate historical IED attacks. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is black powder and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Backpack / 2 Metal Pipes IED

SKU: CED0051

This training aid simulates an X-ray correct IED pipe bombs concealed in a backpack. It is designed to closely replicate historical IED attacks. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is black powder inside of modified steel pipes and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Flashlight IED

SKU: CED0053

This training aid simulates an X-ray correct IED concealed in a flashlight. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is dynamite and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Small Toolbox IED

SKU: CED0064

This training aid simulates an X-ray correct IED concealed in a small toolbox or case. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is P.E.4 and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Toothpaste Tube Concealed Explosive Simulant

SKU: CED0065

This training aid simulates a concealed explosive inside a tube of toothpaste. It does not contain any other components of an IED. The X-ray correct explosive simulant is PETN and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Handbag IED

SKU: CED0066

This training aid simulates an X-ray correct IED concealed in a purse, clutch, or handbag. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is dynamite and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Due to fluctuating availability of commercial-off-the-shelf (COTS) products, some concealed IED products may vary due to supply and demand at the time of order. Be assured DSA will always supply equal to or better quality products that meet the technical aspects required.

Inert Foot Powder Bottle IED

SKU: CED0073

This training aid simulates an X-ray correct IED concealed in a bottle of foot powder. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is a blasting emulsion and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Pressure Cooker IED

SKU: CED0076

This training aid simulates an X-ray correct IED concealed in a pressure cooker. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is smokeless powder and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat

Export Control: EAR99

Inert Lunch Box IED

SKU: CED0077

This training aid simulates an X-ray correct IED concealed in a soft sided, insulated lunch box. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is Semtex H and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Due to fluctuating availability of commercial-off-the-shelf (COTS) products, some concealed IED products may vary due to supply and demand at the time of order. Be assured DSA will always supply equal to or better quality products that meet the technical aspects required.

Inert Workout Compression Belt IED (with Fragmentation)

SKU: CED0078

This training aid simulates an X-ray correct IED compression or workout belt intended to be worn on the body and concealed under normal clothing. Complete with steel ball bearing fragmentation, this device is designed to closely replicate historical IED attacks. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is TATP connected with Det cord and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Workout Compression Belt IED

SKU: CED0079

This training aid simulates an X-ray correct IED compression or workout belt intended to be worn on the body and concealed under normal clothing. This device is designed to closely replicate historical IED attacks. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is Detasheet and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Cell Phone Concealed IED

SKU: CED0081

This training aid simulates an X-ray correct IED concealed in a dummy or display cell phone that is devoid of internal electronic circuitry. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is RDX and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Export Control: EAR99

Inert Laptop IED (CD Drive Concealment)

SKU: CED0098

This training aid simulates an X-ray correct IED concealed in the CD drive of a laptop computer. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is Detasheet and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Laptop IED (Hard Drive Concealment)

SKU: CED0099

This training aid simulates an X-ray correct IED concealed in the hard drive of a laptop computer. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is Detasheet and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99

Inert Bluetooth Speaker IED

SKU: CED0132

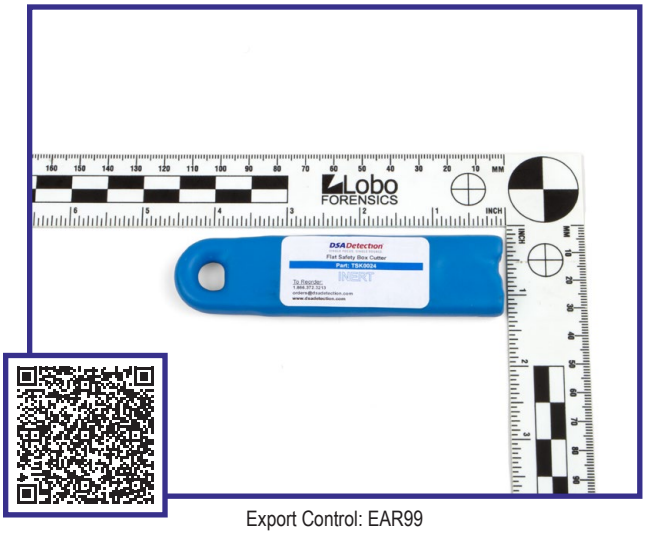
This training aid simulates an X-ray correct IED concealed in a Bluetooth portable speaker. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is Semtex 10 and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Inert Headphone IED

SKU: CED0134

This training aid simulates an X-ray correct IED concealed in portable, over-the-ear headphones. It contains all the necessary P.I.E.S. (Power source, Initiator, Explosive, and Switch) components of an IED. The X-ray correct explosive simulant is Detasheet and is engineered to have the same density and effective atomic number (Z_{eff}) as the real explosive threat.

Export Control: EAR99



Inert Flat Safety Box Cutter

SKU: TSK0024

Weight: 1.4 oz *(40 g)* **Dimensions:** 4.4 in x 1 in x 0.4 in *(11.3 cm x 2.5 cm x 1 cm)*

This X-Ray correct training aid simulates a knife which may be encountered at a facility.The metallic mass of each knife simulant perfectly matches that of the real threat with which it is associated. As with real knives, it may or may not alarm in a walk-through metal detector depending on the type of knife threats being simulated and the sensitivity settings of the unit.The cutting edge has been blunted and dulled for safety. This training aid is inert and coated in blue rubber to identify it as safe to handle.

Export Control: EAR99

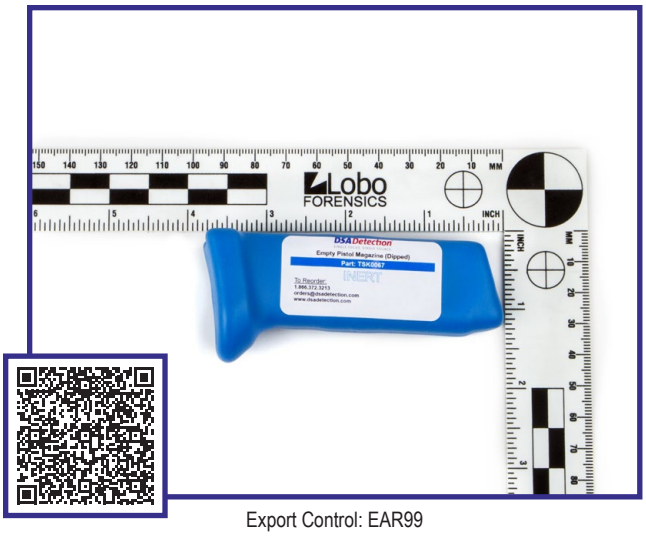
Inert Empty Rifle Magazine (Dipped)

SKU: TSK0066

Weight: 6.4 oz *(180 g)* **Dimensions:** 4.9 in x 2.6 in x 1 in *(12.5 cm x 6.5 cm x 2.5 cm)*

This inert magazine is designed to accurately simulate an empty rifle magazine. This threat is engineered to have the same density and effective atomic number (Z_{eff}) as a real unloaded magazine. This training aid is inert and coated in blue rubber to identify it as safe to handle. A loaded magazine version is also available.

Export Control: EAR99



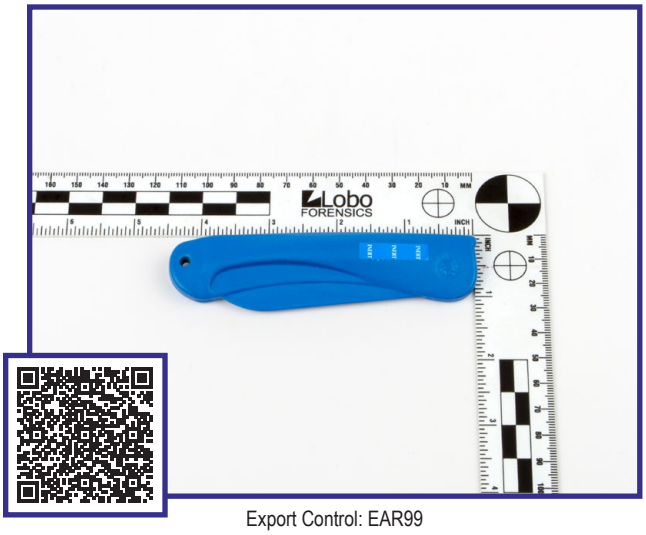
Inert Empty Pistol Magazine (Dipped)

SKU: TSK0067

Weight: 1.1 oz *(33.8 g)* **Dimensions:** 3.3 in x 1.5 in x 0.6 in *(8.5 cm x 3.80 cm x 1.6 cm)*

This inert magazine is designed to accurately simulate an empty pistol magazine. This threat is engineered to have the same density and effective atomic number (Z_{eff}) as a real unloaded magazine. This training aid is inert and coated in blue rubber to identify it as safe to handle. A loaded magazine version is also available.

Export Control: EAR99



Inert Ceramic Folding Knife

SKU: TSK0110

Weight: 1.1 oz *(30 g)* **Dimensions:** 4.7 in x 1.2 in x 0.8 in *(12 cm x 3 cm x 2 cm)*

This training aid simulates an X-ray correct ceramic knife. It is engineered to have the same density and effective atomic number (Z_{eff}) as a ceramic knife. This device will display like a metal blade in the X-ray but will not elicit a metal detector alarm. The cutting edge has been blunted and dulled for safety. This training aid is inert and coated in blue rubber to identify it as safe to handle.

Export Control: EAR99

Inert Vape Pen

SKU: TSK2860

Weight: 1.6 oz *(45 g)* **Dimensions:** 6.3 in x 0.8 in x 0.8 in *(16 cm x 2 cm x 2 cm)*

This X-ray correct, inert vape pen helps to properly train security staff how to identify a popular vaporizer contraband in an X-ray machine.

Export Control: EAR99

Inert Vaporizer

SKU: TSK2865

Weight: 2.4 oz *(68 g)* **Dimensions:** 3.9 in x 1.6 in x 1.2 in *(10 cm x 4 cm x 3 cm)*

This X-ray correct, inert vaporizer helps to properly train security staff how to identify a popular vaporizer contraband in an X-ray machine.

Export Control: EAR99

Inert Marijuana Simulant

SKU: TSK0002

Weight: 1 lb *(454 g)* **Dimensions:** 5.9 in x 6.7 in x 2 in *(15 cm x 17 cm x 5 cm)*

Narcotics detection is an important part of checkpoint screening. Most ETD and X-ray systems are capable of detecting narcotics in some form when properly equipped and programmed. Marijuana has become legal in some areas but is considered a prohibited item in almost all screening areas. This inert simulant has a similar odor to real marijuana but contains none of the active ingredients like THC or other cannabinoids. It is engineered to have the same density and effective atomic number (Z_{eff}) as marijuana. Custom packaging or quantity can be ordered through our Customer service department

Export Control: EAR99

Inert Methadone Tablets (1000ct)

SKU: TSK0003

Weight: 13.3 oz *(375 g)* **Dimensions:** 5.5 in x 5.1 in x 2 in *(14 cm x 13 cm x 5 cm)*

Narcotics detection is an important part of checkpoint screening. Most ETD and X-ray systems are capable of detecting narcotics in some form when properly equipped and programmed. This inert narcotic simulant represents methadone tablets and is engineered to have the same density and effective atomic number (Z_{eff}) as many abused pharmaceuticals. Custom packaging or quantity can be ordered through our Customer service department.

Export Control: EAR99

Inert Concealed Pringles Can (Marijuana and Cocaine)

SKU: TSK0064

Weight: 13.8 oz *(390 g)* **Dimensions:** 9.1 in x 3.1 in x 3.1 in *(23 cm x 8 cm x 8 cm)*

Concealed narcotics is a problem encountered more often than concealed weapons or explosive threats. For example, passengers may attempt to travel with drugs when moving between areas where marijuana is legal and areas where it is not. Screeners must be able to recognize modified containers or anomalies in commercial items that indicate concealment or nefarious activity. The Inert Concealed Pringles Can includes both inert Marijuana and Cocaine simulants which fit inside a modified can. This allows screeners to train with different inert narcotics. These simulants are visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real threat.

Export Control: EAR99

Inert Concealed Soda Can (Marijuana and Cocaine)

SKU: TSK0065

Weight: 9 oz *(255 g)* **Dimensions:** 4.7 in x 2.8 in x 2.8 in *(12 cm x 7 cm x 7 cm)*

Concealed narcotics is a problem encountered more often than concealed weapons or explosive threats. For example, passengers may attempt to travel with drugs when moving between areas where marijuana is legal and areas where it is not. Screeners must be able to recognize modified containers or anomalies in commercial items that indicate concealment or nefarious activity. The Inert Concealed Soda Can includes both inert Marijuana and Cocaine simulants which fit inside a modified can. This allows screeners to train with different inert narcotics. These simulants are visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real threat.

Export Control: EAR99

Inert Concealed Shoe (Cocaine)

SKU: TSK0078

Concealed narcotics is a problem encountered more often than concealed weapons or explosive threats. For example, passengers may attempt to travel with drugs. Screeners must be able to recognize modified containers or anomalies in commercial items that indicate concealment or nefarious activity. The Inert Concealed Shoe features about 25 grams of Cocaine simulant built into the sole of a shoe. Only one shoe has been modified, allowing screeners to compare the pair of shoes. This training aid is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real threat.

Export Control: EAR99

Inert Concealed Stuffed Animal (Methadone Tablets)

SKU: TSK0079

Concealed narcotics is a problem encountered more often than concealed weapons or explosive threats. For example, passengers may attempt to travel with drugs. Screeners must be able to recognize modified containers or anomalies in commercial items that indicate concealment or nefarious activity. The Inert Concealed Stuffed Animal includes about 1,000 methadone pills concealed inside a child's plush toy. This training aid is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real threat.

Export Control: EAR99

Inert Cocaine HCl Simulant

SKU: TSK9300

Weight: 1 lb *(454 g)* **Dimensions:** 6.7 in x 5.9 in x 2 in *(17 cm x 15 cm x 5 cm)*

Narcotics detection is an important part of checkpoint screening. Most ETD and X-ray systems are capable of detecting narcotics in some form when properly equipped and programmed. Cocaine or Coke can come in many forms. Drug purity can affect how this narcotic appears in an X-ray. This simulant is designed to simulate the density and effective atomic number (Z_{eff}) of one of the most common forms of Cocaine, Cocaine Hydrochloride. Custom packaging or quantity can be ordered through our Customer service department.

Export Control: EAR99

Inert RG-42 Grenade

SKU: TSK0004

Weight: 10.6 oz *(298 g)* **Dimensions:** 4.9 in x 2.8 in x 2.2 in *(12.5 cm x 7 cm x 5.5 cm)*

This inert soviet hand grenade replica is designed to accurately simulate a hand grenade threat when scanned in an X-ray. This training aid is colored blue to identify it as safe to handle. The fuse has been modified to meet EAR regulations. Components controlled under ITAR have been removed.

Export Control: EAR99

Due to fluctuating availability of commercial-off-the-shelf (COTS) products, some concealed IED products may vary due to supply and demand at the time of order. Be assured DSA will always supply equal to or better quality products that meet the technical aspects required.

Export Control: ITAR

Inert MK-2 Frag Grenade

SKU: TSK0005

Weight: 1.1 lb *(506 g)* **Dimensions:** 4.5 in x 2.8 in x 2.8 in *(11.5 cm x 7 cm x 7 cm)*

This inert U.S. hand grenade replica is designed to accurately simulate a hand grenade threat when scanned in an X-ray or when conducting a physical search. This replica is engineered to have the same density and effective atomic number (Z_{eff}) as a real grenade. This training aid is inert and coated in blue rubber to identify it as safe to handle. This item is ITAR restricted and requires special licensing for most international sales.

Export Control: ITAR

Inert M26 Grenade

SKU: TSK0006

Weight: 1.1 lb *(519 g)* **Dimensions:** 4.3 in x 2.8 in x 2.8 in *(11 cm x 7 cm x 7 cm)*

This inert U.S. hand grenade replica is designed to accurately simulate a hand grenade threat when scanned in an X-ray or when conducting a physical search. This replica is engineered to have the same density and effective atomic number (Z_{eff}) as a real grenade. This training aid is inert and coated in blue rubber to identify it as safe to handle. This item is ITAR restricted and requires special licensing for most international sales.

Export Control: EAR99

Inert M7A3 Riot CS Grenade

SKU: TSK0007

Weight: 1.3 lb *(599 g)* **Dimensions:** 6 in x 2.5 in x 2.5 in *(15.2 cm x 6.4 cm x 6.4 cm)*

This inert U.S. hand grenade replica is designed to accurately simulate a hand grenade threat when scanned in an X-ray or when conducting a physical search. This replica is engineered to have the same density and effective atomic number (Z_{eff}) as a real grenade. This training aid is inert and coated in blue rubber to identify it as safe to handle. This item is BIS Controlled and requires a commerce license for most international sales.

Export Control: ITAR

Inert M67 Frag Grenade

SKU: TSK0008

Weight: 15 oz *(427 g)* **Dimensions:** 3.9 in x 3 in x 3 in *(9.8 cm x 7.6 cm x 7.6 cm)*

This inert U.S. hand grenade replica is designed to accurately simulate a hand grenade threat when scanned in an X-ray or when conducting a physical search. This replica is engineered to have the same density and effective atomic number (Z_{eff}) as a real grenade. This training aid is inert and coated in blue rubber to identify it as safe to handle. This item is ITAR restricted and requires special licensing for most international sales.

Export Control: EAR99

Inert F1 Frag Grenade

SKU: TSK0009

Weight: 8.3 oz *(237 g)* **Dimensions:** 5.2 in x 2.3 in x 2.3 in *(13.1 cm x 5.9 cm x 5.9 cm)*

This inert soviet hand grenade replica is designed to accurately simulate a hand grenade threat when scanned in an X-ray. This training aid is colored blue to identify it as safe to handle The fuse has been modified to meet EAR regulations. Components controlled under ITAR have been removed.

Export Control: EAR99

Inert RGD-5 Grenade

SKU: TSK0010

Weight: 10.4 oz *(295 g)* **Dimensions:** 4.7 in x 2.4 in x 2.4 in *(12 cm x 6 cm x 6 cm)*

This inert soviet hand grenade replica is designed to accurately simulate a hand grenade threat when scanned in an X-ray. This training aid is colored blue to identify it as safe to handle. The fuse has been modified to meet EAR regulations. Components controlled under ITAR have been removed.

Inert .25 Caliber Bullets

SKU: TSK0012

Weight: 0.2 oz *(4.8 g)* **Dimensions:** 0.9 in x 0.3 in x 0.3 in *(2.20 cm x 0.8 cm x 0.8 cm)*

These inert bullets are X-ray/CT correct and designed to represent standard target ammunition. Each of the five rounds is engineered to have the same density, effective atomic number (Z_{eff}), and weight as the real version. The primer has been expended or removed and the gunpowder removed.Each bullet is inert, identified with a hole drilled through the casing. This training aid is not considered to be ammunition in the U.S. but should be treated with the same respect as a projectile and may be subject to country-specific import requirements.

Export Control: EAR99

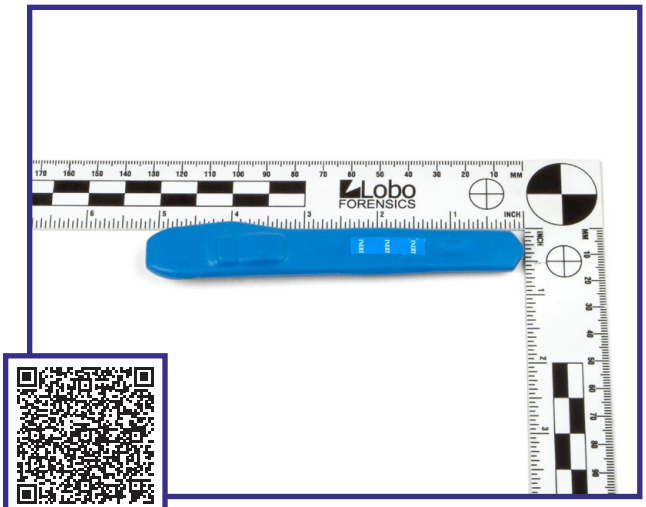
Inert AN-M14 Incendiary Grenade

SKU: TSK0013

Weight: 1.60 lb *(748 g)* **Dimensions:** 6 in x 2.5 in x 2.5 in *(15.2 cm x 6.4 cm x 6.4 cm)*

This inert U.S. hand grenade replica is designed to accurately simulate a hand grenade threat when scanned in an X-ray or when conducting a physical search. This replica is engineered to have the same density and effective atomic number (Z_{eff}) as a real grenade. This training aid is inert and coated in blue rubber to identify it as safe to handle. This item is BIS Controlled and requires a commerce license for most international sales.

Export Control: EAR99



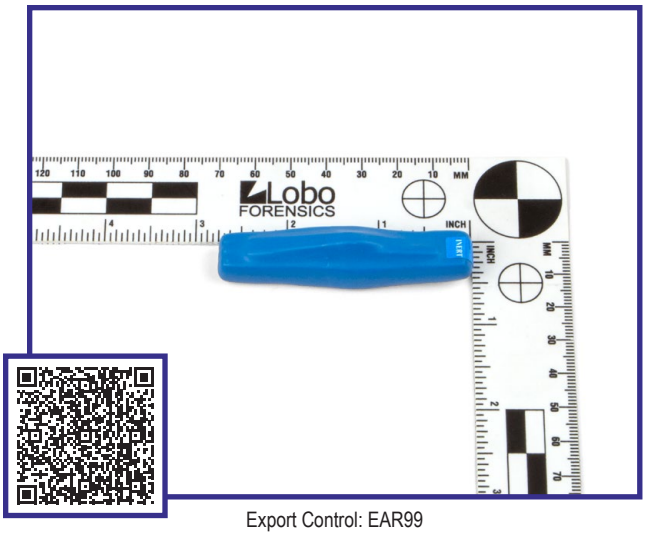
Inert Mini Snap Blade Knife

SKU: TSK0014

Weight: 0.6 oz *(17 g)* **Dimensions:** 5.5 in x 1.2 in x 0.8 in *(14 cm x 3 cm x 2 cm)*

This X-Ray correct training aid simulates a knife which may be encountered at a facility.The metallic mass of each knife simulant perfectly matches that of the real threat with which it is associated. As with real knives, it may or may not alarm in a walk-through metal detector depending on the type of knife threats being simulated and the sensitivity settings of the unit.The cutting edge has been blunted and dulled for safety. This training aid is inert and coated in blue rubber to identify it as safe to handle.

Export Control: EAR99



Multi-Blade Metal Folding Knife (2.6 in)

SKU: TSK0015

Weight: 3.5 oz *(100 g)* **Dimensions:** 3.5 in x 1.2 in x 0.8 in *(9 cm x 3 cm x 2 cm)*

This X-Ray correct training aid simulates a knife which may be encountered at a facility.The metallic mass of each knife simulant perfectly matches that of the real threat with which it is associated. As with real knives, it may or may not alarm in a walk-through metal detector depending on the type of knife threats being simulated and the sensitivity settings of the unit.The cutting edge has been blunted and dulled for safety. This training aid is inert and coated in blue rubber to identify it as safe to handle.

Export Control: EAR99

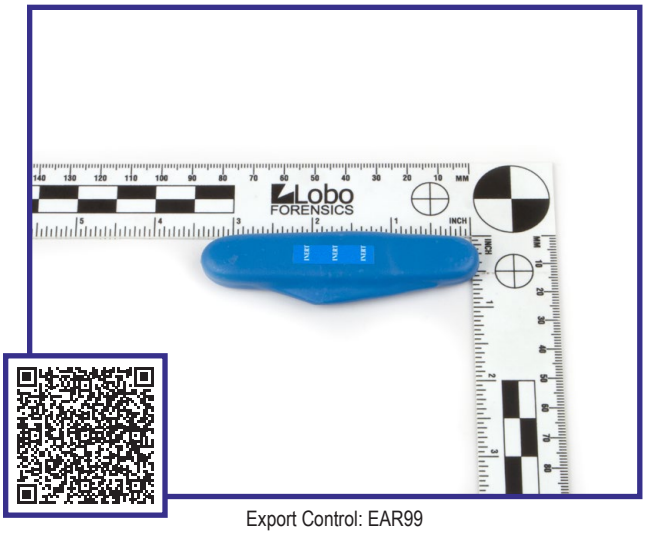
Inert Folding Knife (3 in)

SKU: TSK0016

Weight: 2.2 oz *(63 g)* **Dimensions:** 4.3 in x 1.6 in x 0.8 in *(11 cm x 4 cm x 2 cm)*

This X-Ray correct training aid simulates a knife which may be encountered at a facility.The metallic mass of each knife simulant perfectly matches that of the real threat with which it is associated. As with real knives, it may or may not alarm in a walk-through metal detector depending on the type of knife threats being simulated and the sensitivity settings of the unit.The cutting edge has been blunted and dulled for safety. This training aid is inert and coated in blue rubber to identify it as safe to handle.

Export Control: EAR99



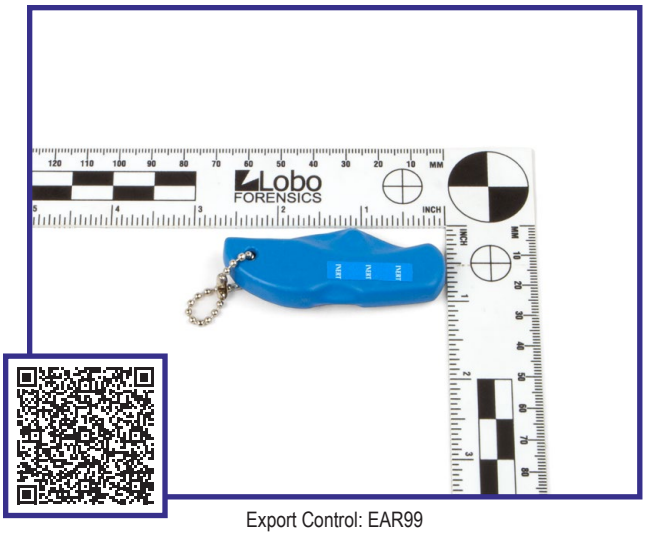
Inert Folding Knife (2 in)

SKU: TSK0017

Weight: 1.4 oz *(42 g)* **Dimensions:** 3.5 in x 1.2 in x 0.8 in *(9 cm x 3 cm x 2 cm)*

This X-Ray correct training aid simulates a knife which may be encountered at a facility.The metallic mass of each knife simulant perfectly matches that of the real threat with which it is associated. As with real knives, it may or may not alarm in a walk-through metal detector depending on the type of knife threats being simulated and the sensitivity settings of the unit.The cutting edge has been blunted and dulled for safety. This training aid is inert and coated in blue rubber to identify it as safe to handle.

Export Control: EAR99



Export Control: EAR99

Inert Folding Knife (1 in)

SKU: TSK0018

Weight: 0.6 oz *(18 g)* **Dimensions:** 2.8 in x 1.2 in x 0.4 in *(7 cm x 3 cm x 1 cm)*

This X-Ray correct training aid simulates a knife which may be encountered at a facility.The metallic mass of each knife simulant perfectly matches that of the real threat with which it is associated. As with real knives, it may or may not alarm in a walk-through metal detector depending on the type of knife threats being simulated and the sensitivity settings of the unit.The cutting edge has been blunted and dulled for safety. This training aid is inert and coated in blue rubber to identify it as safe to handle.

Export Control: EAR99

Inert Lexan Knife (11 in)

SKU: TSK0019

Weight: 1.9 oz *(55 g)* **Dimensions:** 11.4 in x 1.5 in x 0.8 in *(29 cm x 3.8 cm x 2 cm)*

This training aid simulates an X-ray correct Lexan (plastic) cake knife. It is engineered to have the same density and effective atomic number (Z_{eff}) as a Lexan knife. This device will be difficult to identify in an X-ray and will not elicit a metal detector alarm. The cutting edge has been blunted and dulled for safety. This training aid is inert and coated in blue rubber to identify it as safe to handle.

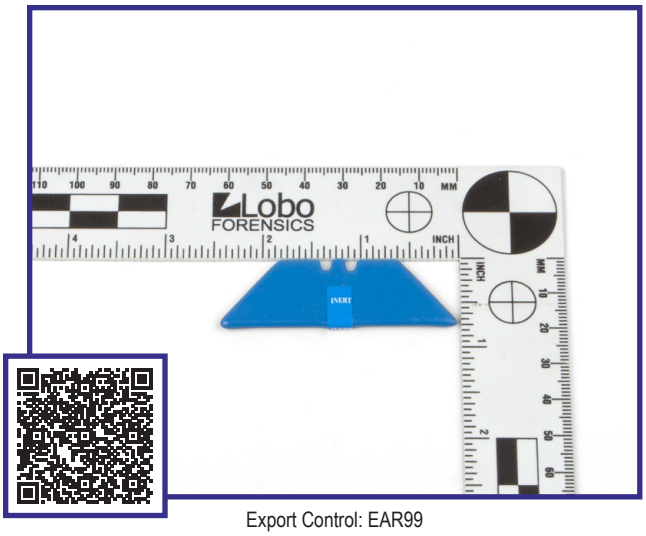
Export Control: EAR99

Inert Ceramic Paring Knife (3 in)

SKU: TSK0020

Weight: 1.8 oz *(50 g)* **Dimensions:** 7.5 in x 1.1 in x 0.8 in *(19 cm x 2.8 cm x 2 cm)*

This training aid simulates an X-ray correct ceramic paring knife. It is engineered to have the same density and effective atomic number (Z_{eff}) as a ceramic knife. This device will display like a metal blade in the X-ray but will not elicit a metal detector alarm. The cutting edge has been blunted and dulled for safety. This training aid is inert and coated in blue rubber to identify it as safe to handle



Inert Razor Blade

SKU: TSK0034

Weight: 0.2 oz *(6 g)* **Dimensions:** 2.4 in x 0.8 in x 0.2 in *(6 cm x 2 cm x 0.4 cm)*

This X-Ray correct training aid simulates a utility razor blade. The metallic mass of each blade simulant perfectly matches that of the real threat with which it is associated. As with real knives, it may or may not alarm in a walk-through metal detector depending on the type of knife threats being simulated and the sensitivity settings of the unit.The cutting edge has been blunted and dulled for safety. This training aid is inert and coated in blue rubber to identify it as safe to handle.

Export Control: EAR99

Inert 12ga Shotgun Shells

SKU: TSK0059

Weight: 1.6 oz *(43.5 g)* **Dimensions:** 2.4 in x 0.9 in x 0.8 in *(6 cm x 2.20 cm x 2 cm)*

These inert shotgun shells are X-ray/CT correct and designed to represent standard birdshot hunting shells. The holder contains five rounds engineered to have the same density, effective atomic number (Z_{eff}), and weight as the real version.Each shell is inert, identified with a “dummy” label. This training aid is not considered to be ammunition in the U.S. but should be treated with the same respect as a projectile and may be subject to country-specific import requirements.

Export Control: EAR99

Inert 9mm Bullets

SKU: TSK0098

Weight: 0.5 oz *(11.4 g)* **Dimensions:** 0.7 in x 0.4 in x 0.4 in *(1.80 cm x 1 cm x 1 cm)*

These inert bullets are X-ray/CT correct and designed to represent standard target ammunition. Each of the five rounds is engineered to have the same density, effective atomic number (Z_{eff}), and weight as the real version. The primer has been expended or removed and the gunpowder removed.Each bullet is inert, identified with a hole drilled through the casing. This training aid is not considered to be ammunition in the U.S. but should be treated with the same respect as a projectile and may be subject to country-specific import requirements.

Export Control: EAR99

Inert Box of 9 mm Ammunition (50 rounds)

SKU: TSK0099

Weight: 1.4 lb *(635 g)* **Dimensions:** 4.8 in x 3 in x 1.4 in *(12.3 cm x 7.5 cm x 3.6 cm)*

This box of inert ammunition contains fifty (50) 9mm inert bullets. These inert bullets are X-ray/CT correct and designed to represent standard target ammunition. Each round is engineered to have the same density, effective atomic number (Z_{eff}), and weight as the real version. The primer has been expended or removed and the gunpowder removed.Each bullet is inert, identified with a hole drilled through the casing. This training aid is not considered to be ammunition in the U.S. but should be treated with the same respect as a projectile and may be subject to country-specific import requirements.

Export Control: EAR99

Inert Metal Pipe IED, Large

SKU: TSK0100

Weight: 2.6 lb *(1.2 kg)* **Dimensions:** 7.8 in x 2.6 in x 2.6 in *(19.7 cm x 6.5 cm x 6.5 cm)*

This inert, X-ray correct large metal pipe accurately simulates one of the most often used IED components in the world today, the “pipe bomb”. It is engineered to have the same density and effective atomic number (Z_{eff}) as an actual pipe bomb. It is filled with inert smokeless powder, and the hole in the end cap can be used to insert various blasting caps or initiators (sold separately) for unlimited hands-on training scenarios. To prevent the loss of explosive simulant, there is a paper seal in the end cap. This training aid is inert and the caps are coated in blue rubber to identify it as safe to handle. There is also an “inerting hole” on the side that is sealed with glue.

Export Control: EAR99

Inert Metal Pipe IED, Small

SKU: TSK0200

Weight: 1.7 lb *(777 g)* **Dimensions:** 9.4 in x 1.9 in x 1.9 in *(24 cm x 4.8 cm x 4.8 cm)*

This inert, X-ray correct small metal pipe accurately simulates one of the most often used IED components in the world today, the “pipe bomb”. It is engineered to have the same density and effective atomic number (Z_{eff}) as an actual pipe bomb. It is filled with inert smokeless powder, and the hole in the end cap can be used to insert various blasting caps or initiators (sold separately) for unlimited hands-on training scenarios. To prevent the loss of explosive simulant, there is a paper seal in the end cap. This training aid is inert, and the caps are coated in blue rubber to identify it as safe to handle. There is also an “inerting hole” on the side that is sealed with glue.

Export Control: EAR99

Inert PVC Pipe IED, Large

SKU: TSK0300

Weight: 1.3 lb *(582 g)* **Dimensions:** 9.8 in x 2.8 in x 2.8 in *(25 cm x 7 cm x 7 cm)*

This inert, X-ray correct large PVC pipe accurately simulates one of the most often used IED components in the world today, the "pipe bomb". It is engineered to have the same density and effective atomic number (Z_{eff}) as an actual pipe bomb. It is filled with inert smokeless powder, and the hole in the end cap can be used to insert various blasting caps or initiators (sold separately) for unlimited hands-on training scenarios. To prevent the loss of explosive simulant, there is a paper seal in the end cap. This training aid is inert and the caps are coated in blue rubber to identify it as safe to handle. There is also an "inerting hole" on the side that is sealed with glue.

Export Control: EAR99

Inert PVC Pipe IED, Small

SKU: TSK0400

Weight: 11 oz *(315 g)* **Dimensions:** 9.1 in x 2 in x 2 in *(23.2 cm x 5.1 cm x 5.1 cm)*

This inert, X-ray correct small PVC pipe accurately simulates one of the most often used IED components in the world today, the "pipe bomb". It is engineered to have the same density and effective atomic number (Z_{eff}) as an actual pipe bomb. It is filled with inert smokeless powder, and the hole in the end cap can be used to insert various blasting caps or initiators (sold separately) for unlimited hands-on training scenarios. To prevent the loss of explosive simulant, there is a paper seal in the end cap. This training aid is inert and the caps are coated in blue rubber to identify it as safe to handle. There is also an "inerting hole" on the side that is sealed with glue.

Export Control: EAR99

Inert 5.56 Bullets

SKU: TSK0556

Weight: 0.3 oz *(10.5 g)* **Dimensions:** 2.2 in x 0.4 in x 0.4 in *(5.6 cm x 1 cm x 1 cm)*

These inert bullets are X-ray/CT correct and designed to represent standard target ammunition. Each of the five rounds is engineered to have the same density, effective atomic number (Z_{eff}), and weight as the real version.Each bullet is inert, identified with a hole drilled through the casing. This training aid is not considered to be ammunition in the U.S. but should be treated with the same respect as a projectile and may be subject to country-specific import requirements.

Export Control: EAR99

Inert Sub-compact Pistol, Semiautomatic

SKU: TSK0600

Weight: 1.2 lb *(548 g)* **Dimensions:** 5.9 in x 4.1 in x 0.9 in *(15.1 cm x 10.5 cm x 2.4 cm)*

This firearm training aid is X-ray correct and is designed to accurately represent a sub-compact sized pistol. It is engineered to have the same density, effective atomic number (Z_{eff}), and weight as an actual sub-compact pistol. This item contains the correct metallic mass to generate an alarm in both hand-held and walk-through metal detectors. Five inert bullets are included in a removable magazine to allow for more training opportunities. This training aid is inert and is coated in blue rubber to identify it as safe to handle. This training aid is not considered a firearm in the U.S. but should be treated with the same respect as a real gun and may be subject to country-specific import requirements.

Export Control: EAR99

Inert Pistol Magazine with Bullets (Dipped)

SKU: TSK0604

Weight: 2.1 oz *(58.2 g)* **Dimensions:** 3.3 in x 1.5 in x 0.6 in *(8.5 cm x 3.80 cm x 1.6 cm)*

This inert magazine is designed to accurately simulate a pistol magazine loaded with 5 bullets. This threat is engineered to have the same density and effective atomic number (Z_{eff}) as a real loaded magazine. This training aid is inert and coated in blue rubber to identify it as safe to handle.Each bullet inside the magazine is inert, identified with a hole drilled through the casing. The primer has been expended or removed and the gunpowder removed. This training aid is not considered to be ammunition in the U.S. but should be treated with the same respect as a projectile and may be subject to country-specific import requirements. An empty magazine version is also available.

Export Control: EAR99

Inert Rifle Magazine with Bullets (Dipped)

SKU: TSK0607

Weight: 10.1 oz *(285 g)* **Dimensions:** 4.9 in x 2.6 in x 1 in *(12.5 cm x 6.5 cm x 2.5 cm)*

This inert magazine is designed to accurately simulate a rifle magazine loaded with 10 bullets. This threat is engineered to have the same density and effective atomic number (Z_{eff}) as a real loaded magazine. This training aid is inert and coated in blue rubber to identify it as safe to handle.Each bullet inside the magazine is inert, identified with a hole drilled through the casing. The primer has been expended or removed and the gunpowder removed. This training aid is not considered to be ammunition in the U.S. but should be treated with the same respect as a projectile and may be subject to country-specific import requirements. An empty magazine version is also available.

Export Control: EAR99

Export Control: EAR99

Inert 3D-Printed Replica Firearm

SKU: TSK0610

Weight: 10.6 oz *(301 g)* **Dimensions:** 8.5 in x 6.3 in x 1.8 in *(21.5 cm x 16 cm x 4.5 cm)*

The Inert 3D-Printed Replica Firearm is an exact match to the one most commonly printed worldwide and accurately represents the screening limitations associated with this new type of threat. This 3D-printed replica contains an inert bullet and aluminum firing pin, as well as a removable steel cube that provides threat-accurate responses on walk-through and hand-held metal detectors. This has been designed to allow for complete disassembly to allow for more training opportunities. DSA engineered this print file to prevent misuse of any of this replica's components. This item is printed in blue plastic and is engineered to have the same density and effective atomic number (Z_{eff}) as a 3D-printed weapon. This training aid is not considered a firearm in the U.S. but should be treated with the same respect as a real gun and may be subject to country-specific import requirements.

Export Control: EAR99

Inert Compact Revolver, Double Action

SKU: TSK0650

Weight: 1.3 lb *(576 g)* **Dimensions:** 6.5 in x 4.7 in x 1.3 in *(16.5 cm x 12 cm x 3.2 cm)*

This firearm training aid is X-ray correct and is designed to accurately represent a compact-sized revolver. It is engineered to have the same density, effective atomic number (Z_{eff}), and weight as an actual compact revolver. This item contains the correct metallic mass to generate an alarm in both hand-held and walk-through metal detectors. This training aid is inert and is coated in blue rubber to identify it as safe to handle. This training aid is not considered a firearm in the U.S. but should be treated with the same respect as a real gun and may be subject to country-specific import requirements.

Export Control: EAR99

Inert Derringer Pistol

SKU: TSK0670

Weight: 12 oz *(340 g)* **Dimensions:** 4.8 in x 3.5 in x 1 in *(12.1 cm x 8.9 cm x 2.5 cm)*

This firearm training aid is X-ray correct and is designed to accurately represent a pocket pistol. It is engineered to have the same density, effective atomic number (Z_{eff}), and weight as an actual pocket pistol. This item contains the correct metallic mass to generate an alarm in both hand-held and walk-through metal detectors. This training aid is inert and is coated in blue rubber to identify it as safe to handle. This training aid is not considered a firearm in the U.S. but it should be treated with the same respect as a real gun and may be subject to country-specific import requirements.

Export Control: EAR99

Inert NAA .22 Revolver, Assembled

SKU: TSK0680

Weight: 5 oz *(141 g)* **Dimensions:** 4.1 in x 2.4 in x 1 in *(10.5 cm x 6 cm x 2.5 cm)*

The North American Arms (NAA) compact revolver is designed to be used for hand-held (HHMD) and walk-through (WTMD) testing and calibration. The TSK0680 complies with NIJ Standard 0601.02. This item is engineered to have the same density, effective atomic number (Z_{eff}), and weight as an actual NAA mini revolver. It contains the correct metallic mass to generate an alarm in both hand-held and walk-through metal detectors. This training aid is factory inert and is coated in blue rubber to identify it as safe to handle. This training aid is not considered a firearm in the U.S. but should be treated with the same respect as a real gun and may be subject to country-specific import requirements.

Export Control: EAR99

Inert NAA .22 Revolver, Disassembled

SKU: TSK0690

Weight: 3.8 oz *(108 g)* **Dimensions:** 4.1 in x 2.4 in x 1 in *(10.5 cm x 6 cm x 2.5 cm)*

The North American Arms (NAA) compact revolver frame is designed to be used for hand-held (HHMD) and walk-through (WTMD) testing and calibration. The TSK0680 complies with NIJ Standard 0601.02. This item is engineered to have the same density, effective atomic number (Z_{eff}), and weight as an actual NAA mini revolver frame. It contains the correct metallic mass to generate an alarm in both hand-held and walk-through metal detectors. This training aid is factory inert and is coated in blue rubber to identify it as safe to handle. This training aid is not considered a firearm in the U.S. but should be treated with the same respect as a real gun and may be subject to country-specific import requirements.

Export Control: EAR99

Inert 380 Bullets

SKU: TSK0695

Weight: 0.3 oz *(10 g)* **Dimensions:** 1 in x 0.4 in x 0.4 in *(2.5 cm x 1.00 cm x 1.00 cm)*

These inert bullets are X-ray/CT correct and designed to represent standard target ammunition. Each of the five rounds is engineered to have the same density, effective atomic number (Z_{eff}), and weight as the real version. The primer has been expended or removed and the gunpowder removed.Each bullet is inert, identified with a hole drilled through the casing. This training aid is not considered to be ammunition in the U.S. but should be treated with the same respect as a projectile and may be subject to country-specific import requirements.

Lead Sheet 8” x 4” x 1/16”

SKU: TSK3100

Weight: 1.4 lb *(655 g)* **Dimensions:** 8.6 in x 4.5 in x 0.5 in *(21.8 cm x 11.5 cm x 1.3 cm)*

Lead is used to simulate any variety of high-density objects. The resulting image should prompt further inspection. This product contains heavy metals and should not be removed from its outer packaging.

Export Control: EAR99

Fragmentation Sleeve

SKU: TSK3200

Weight: 3.4 oz *(97 g)* **Dimensions:** 12 in x 2 in x 0.6 in *(30.5 cm x 5.1 cm x 1.5 cm)*

Fragmentation (frag) can be added to any explosive device to increase its lethality. This frag sleeve consists of a metal nail matrix that can be added to any explosive simulant. This training aid simulates a visually and X-ray correct metal fragmentation.

Export Control: EAR99

Inert Compact Pistol, Semiautomatic

SKU: TSK3700

Weight: 2.1 lb *(943 g)* **Dimensions:** 7.3 in x 5.3 in x 1.6 in *(18.5 cm x 13.5 cm x 4 cm)*

This firearm training aid is X-ray correct and is designed to accurately represent a compact-sized pistol. It is engineered to have the same density, effective atomic number (Z_{eff}), and weight as an actual compact pistol. This item contains the correct metallic mass to generate an alarm in both hand-held and walk-through metal detectors. Five inert bullets are included in a removable magazine to allow for more training opportunities. This training aid is inert and is coated in blue rubber to identify it as safe to handle. This training aid is not considered a firearm in the U.S. but it should be treated with the same respect as a real gun and may be subject to country-specific import requirements.

Export Control: EAR99

Inert Cell Phone Stun Gun

SKU: TSK3800

Weight: 3 oz *(87 g)* **Dimensions:** 5.5 in x 2.6 in x 0.4 in *(13.9 cm x 6.7 cm x 1 cm)*

This inert training aid simulates a stun gun disguised as a modern cell phone. This item is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real stun gun.

Export Control: EAR99

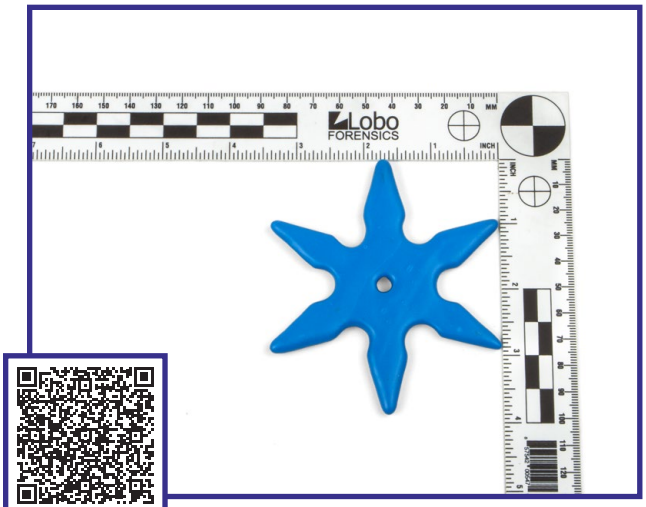
Inert Pepper Spray

SKU: TSK3900

Weight: 1 oz *(27 g)* **Dimensions:** 3.3 in x 1 in x 0.9 in *(8.3 cm x 2.5 cm x 2.4 cm)*

This inert training aid simulates an easily concealed can of pepper spray (MACE). This item is visually correct and engineered to have the same density and effective atomic number (Z_{eff}) as a real can of pepper spray. It is factory inert and filled with a nontoxic liquid.

Export Control: EAR99



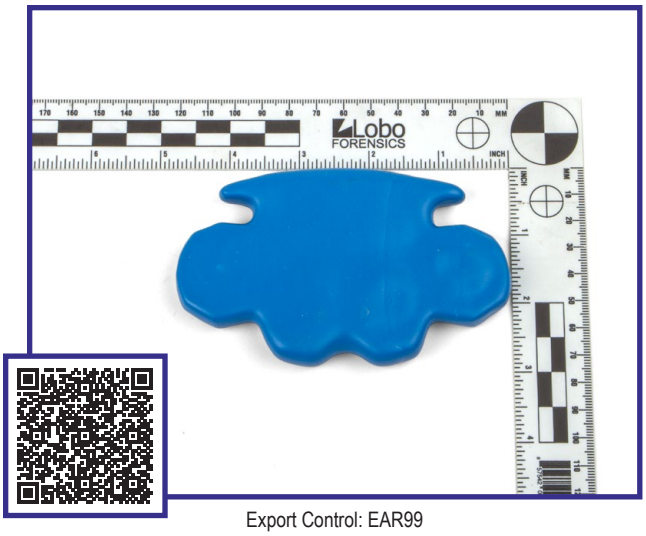
Inert 6 Point Throwing Star

SKU: TSK5510

Weight: 2.2 oz *(65 g)* **Dimensions:** 3.9 in x 3.9 in x 0.3 in *(9.8 cm x 9.8 cm x 0.60 cm)*

Surprisingly, throwing stars and knives are often discovered during checkpoint screening. This X-ray/CT correct throwing star's six blunted and dulled points are coated in a blue rubber, visually identifying the item as safe to handle. It is engineered to have the same density, effective atomic number (Z_{eff}), and weight as the real version. As possible with real knives, this inert throwing star may or may not alarm in a walk-through metal detector, depending on the sensitivity settings of the unit.

Export Control: EAR99



Export Control: EAR99

Inert Brass Knuckles

SKU: TSK5511

Weight: 7.2 oz *(203.2 g)* **Dimensions:** 4.7 in x 2.9 in x 0.7 in *(12 cm x 7.40 cm x 1.7 cm)*

Brass knuckles are illegal in many states and countries, making the ability to detect them that much more important. These inert brass knuckles are X-ray/CT correct. Each finger hole has been filled before this inert training aid is coated in blue rubber, which helps to identify it as safe to handle. It is engineered to have the same density, effective atomic number (Z_{eff}), and weight as the real version. Brass knuckles are not always made of brass. Depending on sensitivity and detection settings, this training aid may not alarm in a walk-through or hand-held metal detector. This training aid may be subject to country-specific import requirements.

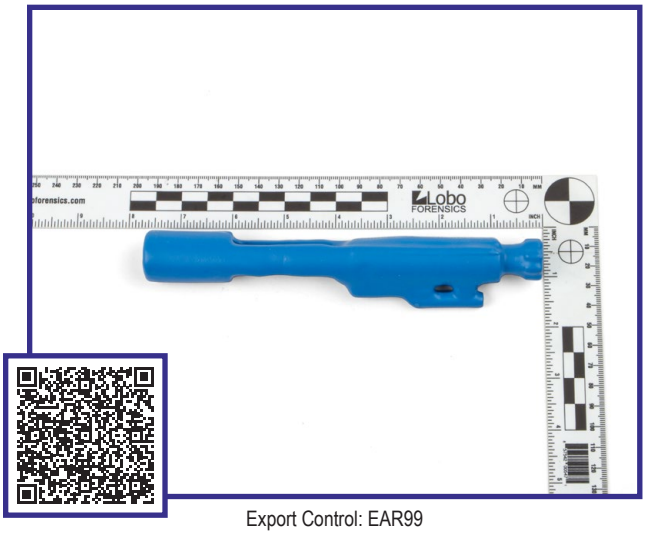
Export Control: EAR99

Inert AR-15 Bolt

SKU: TSK5512

Weight: 1.6 oz *(47.5 g)* **Dimensions:** 2.9 in x 0.9 in x 0.9 in *(7.20 cm x 2.20 cm x 2.20 cm)*

This inert firearm component training aid is X-ray/CT correct and is designed to accurately represent an AR-15 rifle bolt. It is engineered to have the same density, effective atomic number (Z_{eff}), and weight as an actual AR-15 bolt. This item contains the correct metallic mass to generate an alarm in both hand-held and walk-through metal detectors. This training aid is inert and is coated in blue rubber to identify it as safe to handle. This training aid is considered a gun part in the U.S. and may be subject to country-specific import requirements.



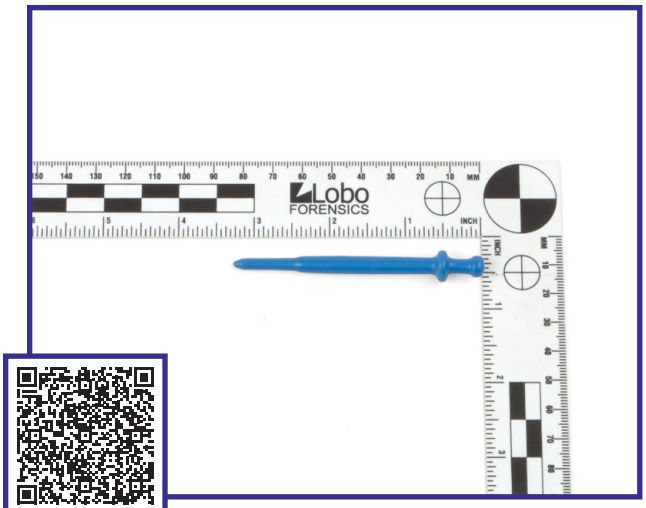
Export Control: EAR99

Inert AR-15 Bolt Carrier Group

SKU: TSK5513

Weight: 12.3 oz *(347.7 g)* **Dimensions:** 7.7 in x 1 in x 1.4 in *(19.5 cm x 2.5 cm x 3.5 cm)*

This inert firearm component training aid is X-ray/CT correct and is designed to accurately represent an AR-15 rifle bolt carrier group. It is engineered to have the same density, effective atomic number (Z_{eff}), and weight as an actual AR-15 bolt carrier group. This item contains the correct metallic mass to generate an alarm in both hand-held and walk-through metal detectors. This training aid is inert and is coated in blue rubber to identify it as safe to handle. It is considered a gun part in the U.S. and may be subject to country-specific import requirements.



Inert AR-15 Firing Pin

SKU: TSK5514

Weight: 0.3 oz *(9.2 g)* **Dimensions:** 3.3 in x 0.5 in x 0.5 in *(8.5 cm x 1.20 cm x 1.20 cm)*

This inert firearm component training aid is X-ray/CT correct and is designed to accurately represent an AR-15 rifle firing pin. It is engineered to have the same density, effective atomic number (Z_{eff}), and weight as an actual AR-15 firing pin. This item contains the correct metallic mass to generate an alarm in both hand-held and walk-through metal detectors. To identify it as inert and safe to handle, this training aid is coated in a blue rubber. This is considered a gun part in the U.S. and may be subject to country-specific import requirements.

Export Control: EAR99

Inert Pistol Slide Group

SKU: TSK5515

Weight: 1.1 lb *(480 g)* **Dimensions:** 6.9 in x 1.2 in x 1.3 in *(17.5 cm x 3 cm x 3.20 cm)*

This inert firearm component training aid is X-ray/CT correct and is designed to accurately represent a pistol slide group, including a barrel (4 inch), spring, slide, and internal components. It is engineered to have the same density, effective atomic number (Z_{eff}), and weight as an actual compact pistol upper. This item contains the correct metallic mass to generate an alarm in both hand-held and walk-through metal detectors. To identify it as inert and safe to handle, this training aid is coated in a blue rubber. These are considered gun parts in the U.S. and may be subject to country-specific import requirements.

Export Control: EAR99

Inert Pistol Frame

SKU: TSK5516

Weight: 5.3 oz *(150 g)* **Dimensions:** 7.3 in x 4.5 in x 1.4 in *(18.5 cm x 11.5 cm x 3.5 cm)*

This inert firearm component training aid is X-ray/CT correct and is designed to accurately represent a polymer pistol frame. It is engineered to have the same density, effective atomic number (Z_{eff}), and weight as an actual compact pistol lower. To identify it as inert and safe to handle, this training aid is coated in a blue rubber. This is considered a gun part in the U.S. and may be subject to country-specific import requirements.

Export Control: EAR99

X-Ray Interpretation Reference Guide

SKU: CBT1129

Weight: 3.80 lb *(1.7 kg)* **Dimensions:** 11.8 in x 11.4 in x 3.1 in *(30 cm x 29 cm x 8 cm)*

This guide is designed to assist the student with X-ray interpretation. It includes the identification of various Improvised Explosive Device (IED) components, such as batteries, initiators, explosives, and switches. It also includes the identification of prohibited items, such as knives, guns, cameras, cell phones, and liquids. This guide contains over 200 X-ray images of many different threat types an X-ray operator can encounter at a checkpoint. All the images are X-ray correct and are true depictions of threat items. The guidebook is broken down into 7 categories: Knives and Edged Weapons, Guns and Firearms, Tasers and Mace, Explosives, IEDs, IED components, and Concealed IEDs.

Export Control: EAR99

Explosives Poster

SKU: EPS1003

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays many different types of commercial explosives manufactured by Dyno Nobel. The poster will help your staff familiarize themselves with what these explosives look like. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.

Export Control: EAR99

Pipe Bombs with X-Ray Poster

SKU: EPS1006

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays many different types of pipe bombs that could potentially be encountered at a checkpoint. The poster also includes an X-ray image of each pipe bomb to allow security staff to familiarize themselves with this type of threat. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.

Export Control: EAR99

Mail Threat with X-Ray Poster

SKU: EPS1007

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays many different types of mail threats that could potentially be encountered at a checkpoint. The poster also includes an X-ray image of each device to allow security staff to familiarize themselves with this type of threat. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.

Export Control: EAR99

Guns and Knives X-Ray Poster

SKU: EPS1008

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays many different types of firearms and ammunition that could potentially be encountered at a checkpoint. The poster also includes an X-ray image of each weapon to allow security staff to familiarize themselves with this type of threat. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.

Export Control: EAR99

Grenades Poster

SKU: EPS1009

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays many different types of hand grenades. The poster also includes an X-ray correct image of each grenade to allow security staff to familiarize themselves with this type of threat. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.

Export Control: EAR99

Concealed IED Poster

SKU: EPS1010

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays many different types of IEDs concealed in common, everyday items that could potentially be encountered at a checkpoint. The poster also includes an X-ray image of each concealed IED. The poster will help your staff familiarize themselves with what these threats look like in an X-ray. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.

Export Control: EAR99

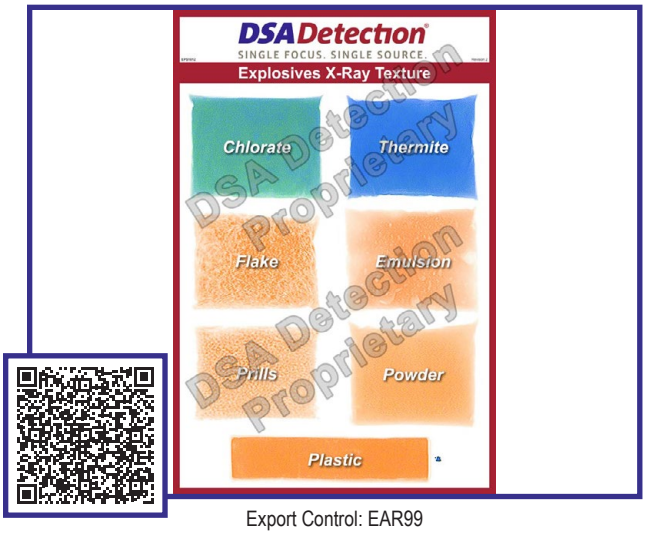
P.I.E.S. Threat Identification Poster

SKU: EPS1011

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays different identifying characteristics of an IED, including the Power source, Initiator, Explosive, and Switch. The poster also includes X-ray images of each component. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.

Export Control: EAR99



Explosives X-Ray Texture Poster

SKU: EPS1012

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays the X-ray textures of many different types of explosives. This poster will help your staff familiarize themselves with the appearance of these explosives. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.

Export Control: EAR99

Ammunition Identification Poster

SKU: EPS1013

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays different types of ammunition ranging from .17 caliber rimfire to 30mm armor-piercing rounds. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.

Export Control: EAR99

Detonators and Blasting Caps Poster

SKU: EPS1014

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays different types of detonators, blasting caps, and initiators. Examples range from military and commercial versions to homemade or improvised detonators. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.

Export Control: EAR99

Suspicious Mail Identification Poster

SKU: EPS1016

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays different identifying characteristics of various mail threats. It was recreated from the popular USPS Suspicious Mail Poster. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.

Export Control: EAR99

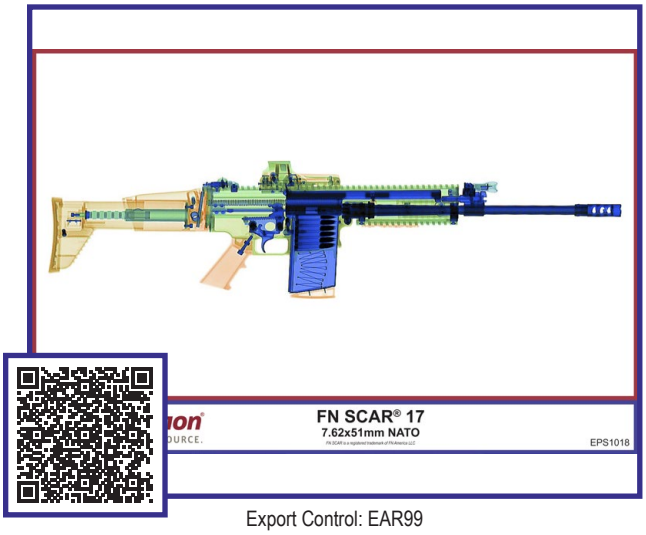
Export Control: EAR99

Threat Backpack X-Ray Poster

SKU: EPS1017

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays several threats that could potentially be encountered at a checkpoint. This poster will help your staff familiarize themselves with the appearance of these real-world threats. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.



Export Control: EAR99

FN SCAR® X-Ray Poster

SKU: EPS1018

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays a colored (material discrimination) X-ray of an FN SCAR® 17 rifle. The FN SCAR is a common rifle that could be encountered at a checkpoint assembled or disassembled. FN SCAR is a registered trademark of FN America LLC. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.

Export Control: EAR99

AR-15 Rifle X-Ray Poster

SKU: EPS1019

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays pictures and X-rays of a disassembled AR-15 and its components. The AR-15 is a very common rifle that could be encountered at a checkpoint assembled or disassembled. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.

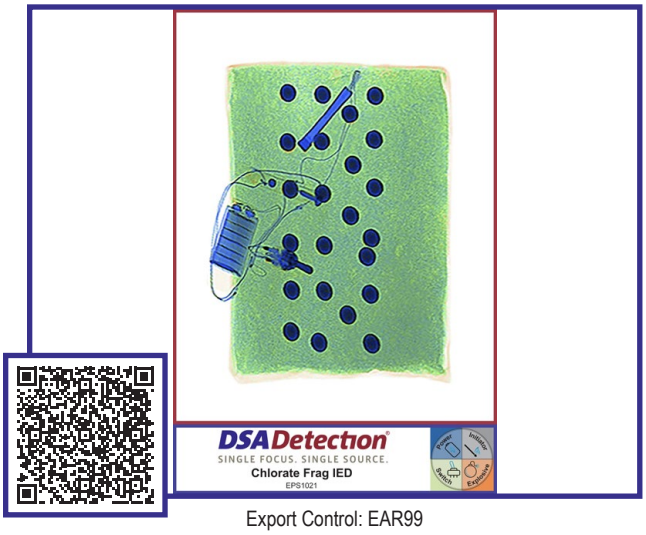
Afghan Pressure Cooker IED Poster

SKU: EPS1020

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays a black and white X-ray of an Afghan pressure cooker IED. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.

Export Control: EAR99



Chlorate Frag IED X-Ray Poster

SKU: EPS1021

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays a colored X-ray of a chlorate frag IED. Unlike most explosives, chlorate explosives display green in most material discrimination X-ray systems. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.

Export Control: EAR99

Springfield XD-40 Pistol X-Ray Poster

SKU: EPS1022

Weight: 3.5 oz *(100 g)* **Dimensions:** 24 in x 36 in *(61 cm x 91.4 cm)*

This poster displays pictures and X-rays of a disassembled Springfield XD®-40 and its components. This pistol size is very common and may be encountered at a checkpoint assembled or disassembled. XD is a registered trademark of Springfield Armory. Our posters are printed with fade-resistant UV ink on a durable, 13 oz. vinyl, tarp-like material. Four grommets and a welded hem provide added strength and durability, ensuring it will hold up to years of training in even an unforgiving environment.

Export Control: EAR99

Export Control: EAR99

Inert IED Training Display Board

SKU: TSK1062

Weight: 135 lb *(61.2 kg)* **Dimensions:** 72 in x 48 in x 5 in *(183 cm x 122 cm x 12.7 cm)*

The training display board features 24 inert circuit board training aids that represent a wide variety of blasting caps, explosive materials, switches, and power sources. Each inert circuit is configured to mimic a real circuit that could be detonated. The boards are removable from the main display and can be run through an X-ray. All of the IED components are exactly X-ray correct, including the explosive simulants. Weighing 135 pounds and measuring 4ft by 6ft, this display board can only ship via special freight arrangement. Each circuit board on this display is also available as an individual product or as part of a kit complete with a carrying case.

DSA Detection Training

Education should be provided only by the most knowledgeable instructors, encompassing a variety of teaching methods to provide informative content. DSA's checkpoint security instructors are relied upon to provide the right training to homeland security's best terrorism defense officers. Simply stated, DSA's training breaks down how the screening technology detects threats, coupled with clearly-explained operational knowledge of checkpoint screening best practices. DSA's instructors possess equipment manufacturer certifications and decades of security screening experience.

DSA Detection's subject matter experts will teach anywhere in the world or host courses at the DSA Detection training center near Boston, Massachusetts. Training sessions begin with checkpoint facility surveys and instrument assessments. Class sizes are limited to small sessions to allow for effective teacher-student ratios. Students will learn using DSA's accurate replications of threats and obtain first-hand experience identifying them in scenarios of varying difficulties. Our trainers will demonstrate the technical attributes of every type of threat and provide equipment setting recommendations tailored to any facility's prohibited items.

DSA Detection offers several courses designed to train security officers in a variety of fields, and can design a customized course to suit your requirements.

Visit **dsadetection.com/dsa-training.html** to see our course list or for more information.

Feel free to contact DSA Detection with any questions about our training program.

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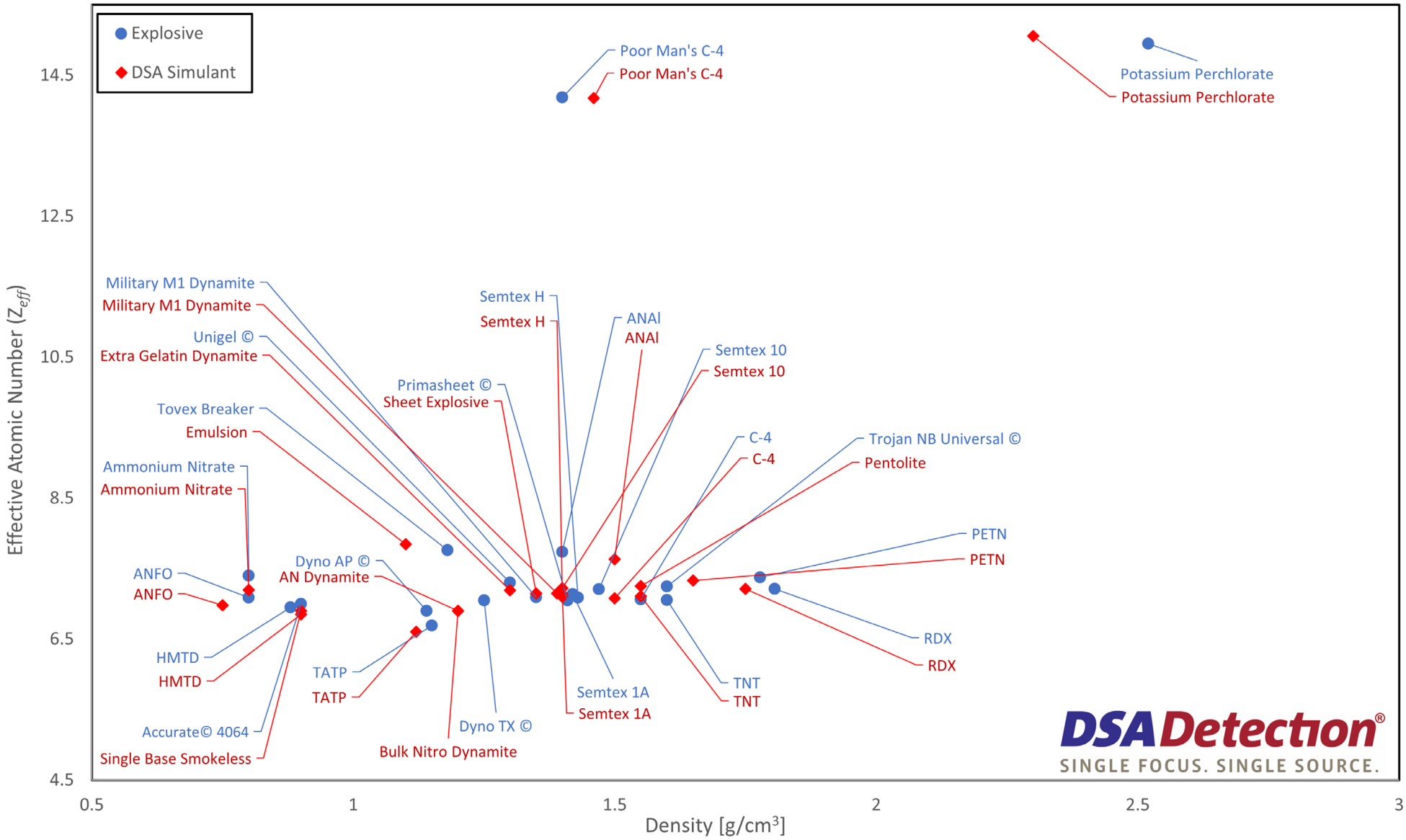
Explosive
DSA Simulant
Poor Man's C-4
Poor Man's C-4
Potassium Perchlorate
Potassium Perchlorate
Military M1 Dynamite
Military M1 Dynamite
Unigel ©
Extra Gelatin Dynamite
Tovex Breaker
Emulsion
Ammonium Nitrate
Ammonium Nitrate
ANFO
ANFO
HMTD
HMTD
Accurate© 4064
Single Base Smokeless
Dyno AP ©
AN Dynamite
TATP
TATP
Dyno TX ©
Bulk Nitro Dynamite
Primasheet ©
Sheet Explosive
Semtex H
Semtex H
Semtex 1A
Semtex 1A
ANAl
ANAl
Semtex 10
Semtex 10
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TNT
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Trojan NB Universal ©
Pentolite
PETN
PETN
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Effective Atomic Number (Z_{eff})
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Density [g/cm^3]
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