

# EOD & IED



World Leader in Supplying EOD & IED  
Equipment And Training





## GLOBAL FOOTPRINT

Founded in 1990, TAR IDEAL CONCEPT established itself as a leading solutions provider, representing international HLS & Defense companies to the Israeli MOD, Law Enforcement Units and Prison Facilities.

In 1995, TAR expanded activities to the international market, adopting the civilian ONE STOP SHOP concept. As an integrator of products and technologies, Tar's experts take care of planning and execution, including post-delivery, ongoing training and management support to ensure projects' success.

## NATIONAL-SCALE SOLUTIONS

In 2013, the Avnon Group was established, leveraging on the different technologies within the group, TAR provides more technology-based projects and solutions to a broader client base. Understanding that governments are looking for holistic solutions, TAR has made a transition from an integrator of 3rd party products to delivering national-scale integrated technology solutions to meet their threats and operational requirements.

As a client orientated company, we address the specific threats, time frames and budgetary constraints of our clients'. Our flexibility enables us to build customised solutions for each project.

## WORKING TO SECURE YOUR FUTURE

TAR's ONE STOP SHOP concept encompasses all the many elements of a project; from operational knowledge and technologies, to advanced equipment and training. This enables Special Forces, First Responders and decision makers to establish operational protocols, training techniques, and combat capabilities, using the latest technologies to address threats ranging from terrorism, international crime, natural and man-made disaster and intrusions to our critical information infrastructures.

# MINE CLEARANCE



Scan The Code



## ► MIDI REMOTE CONTROLLED MINE CLEARANCE SYSTEM

**TA01001**

Designed for demining and other associated tasks. It can be deployed in support of technical surveys and clearance operations. Most demining machines have an interchangeable flail and tiller. This unique robotic system has a double tool: front-positioned flail tool followed by a rear tiller.

## ► MINI REMOTE CONTROLLED MINE CLEARANCE SYSTEM

**TA01000**

Designed for area and road mine clearance. Its size and weight allow it to be operated in forests, on mountains and maneuver obstacles. With its exceptional resistance against anti-tank mines, the system may be used in high risk contamination zones.



## ► CLEANER ATTACHMENT TA01002

Used for humanitarian demining. Attachable to all types of tractors, and buggers. The system demines the area by collecting earth contaminated with mines, by sieving and shaking the dirt, the mines either detonated or removed.

## ► ARMORED D9 TA01003

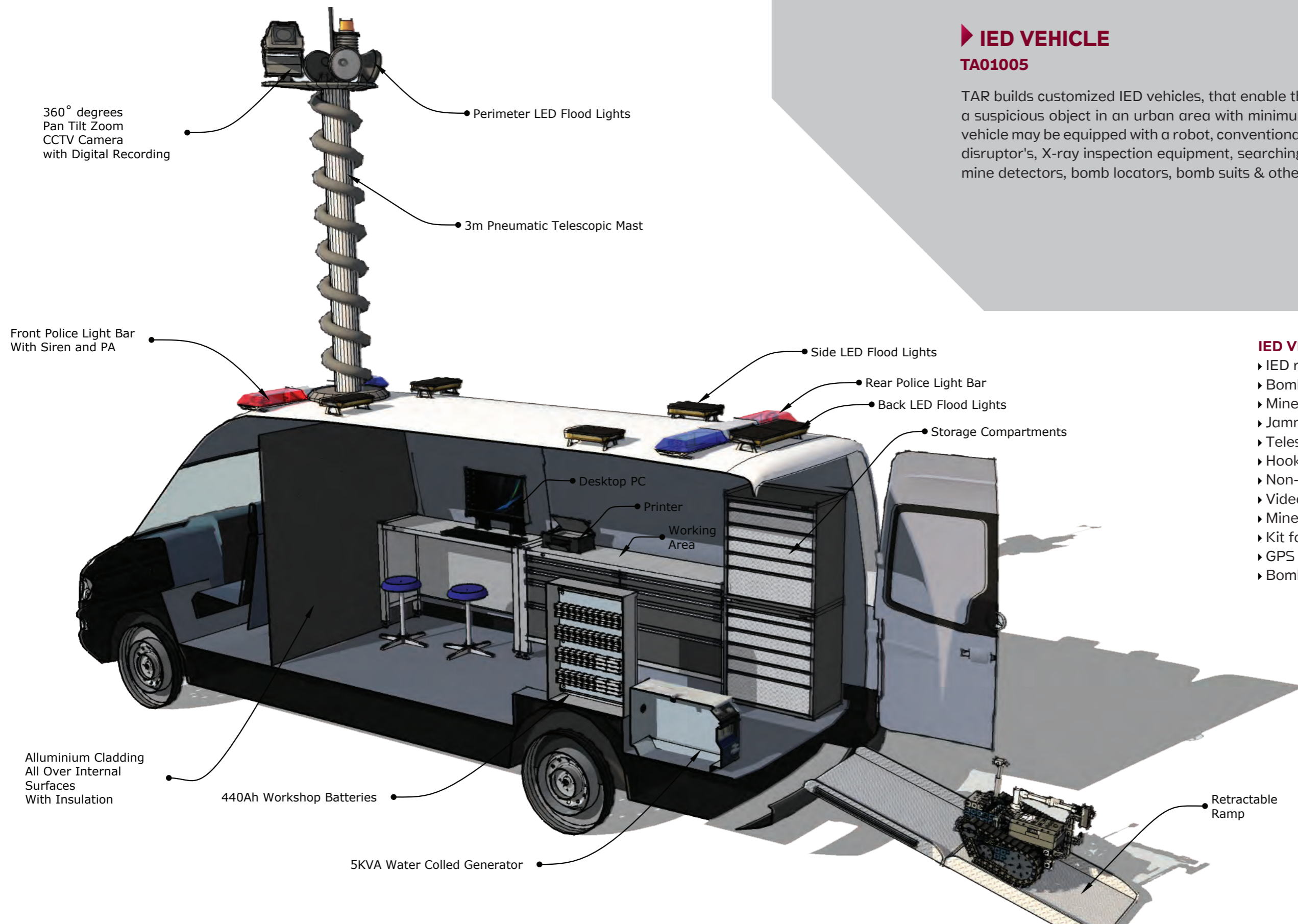
The Armored version has protection for mechanical systems and the operator cabin. Modifications include: bullet and explosive proof cabin glass, slat armor to protect against RPG's, crew operated machine guns and smoke grenade launchers. Ideal for operating in hostile environments under heavy enemy fire.



## ► EOD TRUCK TA01006

Rapidly deploys the EOD team, complete with all the required mission equipment. May be equipped with conventional bomb disposal equipment, disruptors, bomb suits, X-ray inspection equipment, searching devices, hazardous material response equipment, demolition tools, mine detectors, bomb locators, bomb container, various cartridges and various other specialized EOD tools according to customers requirements.





## IED VEHICLE TA01005

TAR builds customized IED vehicles, that enable the IED team to engage with a suspicious object in an urban area with minimum risk to public safety. The vehicle may be equipped with a robot, conventional bomb disposal equipment, disruptor's, X-ray inspection equipment, searching devices, demolition tools, mine detectors, bomb locators, bomb suits & other specialized IED tools.

### IED VEHICLE EQUIPMENT

- ▶ IED robot
- ▶ Bomb Suit
- ▶ Mine-resistant boots
- ▶ Jamming system
- ▶ Telescopic manipulator
- ▶ Hook and line kit
- ▶ Non-magnetic tool kit
- ▶ Video inspection system
- ▶ Mine detector
- ▶ Kit for marking dangerous areas
- ▶ GPS communication
- ▶ Bomb container

# BOMB CONTAINER

# JAMMERS



## ▶ TRAILER BOMB CONTAINER

**TA01007**

High explosion suppression capability ensuring no damage to the towing vehicle, trailer body and the surrounding area.

Protection from 1, 2, 3, 5 and 10 kg TNT.



## ▶ PORTABLE BLAST CONTAINER

**TA01008**

Protects property and personnel from the blast and fragmentation occurring when an IED is set off.



## ▶ PORTABLE JAMMER

**TA02096**

Battle-proven, the portable jammer is used worldwide by: Military Forces, Bomb Squads, S.W.A.T. Teams, Anti-Terror Units, Response Teams and VIP Protection Units. Built to support all mission profiles, and extended field missions.



## ▶ PORTABLE BACKPACK JAMMER

**TA01012**

Used by military Ground Troops, Bomb Disposal Units, Law Enforcement Agencies and Elite Units vulnerable to attack from remote controlled improvised explosive devices known as RCIEDs.



## ▶ GAS TIGHT BOMB CONTAINER

**TA01107**

Mobile system with high explosion and CBRN agent containment capacity. The container completely contains and protects against the effects of an explosion.

Protection from 1, 2, 3, 5 and 10 kg TNT.



## ▶ ELECTRONIC WARFARE JAMMING VEHICLE

**TA04109**

A high power jammer with 5 jamming modes: Sweep mode: Jamming the whole frequency band at an ultra-fast speed while continuously sweeping.

Spot mode: Simultaneous jamming of up to 60 frequencies.

Open Communication Window: Allows open communication from 10 preprogrammed options (can be customized according to specific needs)

Barrage Mode: Sweeping up to 4 bands.

Memory Jam: Jamming of up to 60 channels from jammer memory.





## ▶ COMPACT MINE DETECTOR

**TA01013**

### Features:

- ▶ Increased ground compensation capability
- ▶ Noticeable optimized volume of audible signals
- ▶ New telescope with optimized locking device
- ▶ Audible signals for status of battery



## ▶ ADVANCED MINE DETECTION

**TA001071**

Designed and constructed for the detection of ferromagnetic objects found in the ground or under water.



## ▶ HIGH SELECTIVE EXPLOSIVES DETECTOR

**TA01017**

The trace detector detects homemade, military and commercial explosives, including ICAO taggants, plastics, ammonium nitrate, black powder, other nitrates and TATP.



## ▶ ADVANCED DESKTOP EXPLOSIVES & NARCOTICS DETECTOR

**TA01016**

The device dual detection identifies specific explosives and narcotics traces far more accurately and sensitively than single detection devices.



## ▶ NON LINEAR JUNCTION DETECTION

**TA001072**

Hand-held, long range non-linear junction detector, lightweight and user friendly. Designed to detect RCIEDs, concealed electronic devices, land mines (excluding those in plastic casing) and hidden arms cache.



## ▶ HAND-HELD EXPLOSIVES & NARCOTICS DETECTOR

**TA01019**

Hand-held explosive trace & vapor detector. Lightweight, easy-to-operate, robust and highly resistant to environmental conditions rugged.



## ▶ HUMAN SECURITY RADAR

**TA001074**

Fully automatic radar used for mass people screening for detection of firearms, IED's to secure perimeters without disrupting the people flow.





## ▶ EXPLOSIVE SIMULANTS

**TA07033**

Explosive simulants for K9 training.



## ▶ SIMULANTS REFERENCE

**TA07034**

Used for training to make a distinction between the explosives and the binders in the simulant, soild, can be cut. Non Explosives material.



## ▶ TNT TRAINING SHEET

**TA07036**



## ▶ EXPLOSIVE TRAINING KIT

**TA01015**

Simulants for a variety of explosives, imitates explosive vapors and is ideal for training simulations.



## ▶ EXPLOSIVES DETECTION DOGS TRAINED TO:

- ▶ Display a passive response to indicate explosives sitting / lying or in an active way: barking.
- ▶ Detect explosive compounds, including ammunition and firearms (inc. people carrying explosives) on buses, trains, planes, etc.
- ▶ Be non-aggressive to strangers and behave passively in populated areas such as train stations, airports, etc.



## ▶ K9 TACTICAL VEST

**TA07003**

The K-9 vest is a unique lightweight 3 piece vest, easily adjustable for a secure and perfect fit. No measurements required. One size fits all. Easily adjustable at grith and shoulders allowing the K-9 handler easy access for donning.







## ▶ VIDEOSCOPE

TA001076

A precision fiber optic inspection tool utilizing a two way, articulating probe for inspection of enclosed objects. The non-conductive tip makes it ideal for inspection of volatile liquids.



## ▶ FLEXIBLE FIBERSCOPES

TA01123



## ▶ MOBILE X-RAY

TA01025

Unique dual-view and dual-generator X-ray baggage inspection system. Image features: material separation, color display, positive/negative, contrast manipulation, high/low penetration, high density alert.



## ▶ PORTABLE X-RAY SCANNER

TA01022

The multi-purpose portable X-ray scanner is easily set up and deployed in minutes singlehandedly, may be configured to suit various environments.



## ▶ ELECTRONIC STETHOSCOPE

TA01024

The contactless microphone is an advanced modular electronic stethoscope designed for EOD & IEDD applications. Amplify acoustic vibrations emitted from mechanical, electro mechanical and certain electronic fuses and devices.



## ▶ TELESCOPIC MIRROR KIT

TA01026

Effective search kit for vehicles and buildings, supplied in a robust fitted storage case.



## ▶ UNDER VEHICLE INSPECTION SYSTEM

TA03155

Provides a security solution for inspecting the bottom part of the vehicle, and chassis. Inspect vehicles entering sensitive security areas: government offices, embassies, fuel & gas sites, border checkpoints and prison compounds.



## ▶ TROLLEY SEARCH MIRROR

TA01027

Locates concealed explosives and objects under vehicles, trucks, tables etc. without endangering personnel.



## ▶ POCKET TELESCOPE MIRROR

TA01028



## ▶ PORTABLE VEHICLE INSPECTION SYSTEM

TA001075

A mirror with an extendable pole for searching under vehicles, trucks and suspicious areas. Lightweight and easily transportable.





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## ► SURVEILLANCE MICRO ROBOT TA05057

Small remote controlled robotic device designed to observe during operations and object reconnaissance.



## ► MINI ROBOT WITH DISRUPTER TA01031

A small tactical mini robot for fast response with powerful capabilities in a urban area. Provides the Field Officer with a complete solution for investigation and treatment of any potential IED. The robot is built on a small mobile platform, and has a powerful 20mm recoilless disruptor that allows water or metal projectiles to be fired.



## ► MIDI PLATFORM TA01034

The robot is equipped with a gripper, able to reach up to 3 meters. used to access all means of transport or inside confined places.



## ► HEAVY DUTY ROBOT TA01035

Robot for pyrotechnic operations & reconnaissance. Manipulator with extendable arm carries loads up to 50kg. Used for disposal of dangerous objects, chemical detection and rescue operations.



## ► SMALL ROBOT FOR COUNTER IED

TA01032

A small robot designed for quick reconnaissance in the field or places that are hard to access, for example vehicles' chassis, under seats, narrow rooms or ventilation ducts.



## ► AVATAR III WITH CONTROLLER TA01033

Allows First Responders to quickly and safely inspect dangerous situations. Rugged, affordable, easy-to-use plug-and-play robot.



## ► LARGE ROBOT PLATFORM TA01036

The Robot's manipulator lifts up to 60kg. For pyrotechnic and combat missions in urban terrain. Used for disposal of dangerous objects, chemical detection and rescue operations.





# ONE STOP SHOP

## E.O.D

## I.E.D

EOD Truck

Eod Vehicle

Bomb Suite

Large Robot Platform

Mine Detector

Non Magnetic Tools

UXO Suite

Midi Remote Controlled Mine Clearance System

Portable X-Ray





## ► BOMB SUIT

TA01037

The Bomb Disposal Suit provides high level protection, offering maximum comfort and flexibility to the operator.



## ► COOLING SUIT

TA01038

The Cooling Suit is designed to offer a safe and cool environment for people that need to maintain a high level of efficiency and concentration under extreme heat. Used for bomb disposal and surveillance operations.



## ► EOD HELMET

TA01039

Helmet for Bomb Disposal Units. With CBRN filter and flashlight. Built in ventilation system.



## ► COMMUNICATION SYSTEM

TA01040

Optional: wireless



## ► UXO SUIT

TA01041

Designed specifically for personnel involved in searching and clearing of mines and terrorist explosive devices.



## ► DEMINING SUIT

TA001077

Demining vest provides maximum comfort and protection to the upper body.





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## ▶ LIGHT-WEIGHT BALLISTIC HELMET TA01093

Light-weight helmet maximum protection, maneuverability and comfort. The helmet comply with NIJ Threat Level IIIA protection requirements.



## ▶ BALLISTIC HELMET TA01044

The ballistic helmet conforms to level IIIA, offering high performance, low weight and improved comfort factor. The helmet provides protection against ballistic and fragmentation threats.



## ▶ UXO BOOTS TA01047

Demining Over-Boots are functional in mud, sand and rocks. The protective over-boot can be worn over a standard combat boot or over most other types of blast boots.



## ▶ BLAST PROTECTION BLANKET TA001078

The bomb blanket and safety circle have been designed to provide a portable flexible, lightweight and compact means of protection from EOD and IEDD.



## ▶ UXO VISOR TA01045

Facial protection visor.



## ▶ LIGHT-WEIGHT UXO HELMET TA01046

Light-weight helmet provides maximum protection, maneuverability and comfort.



## ▶ UXO SANDALS TA001080

The sandal is made from a reinforced plastic surface. The plastic surface is attached to a canvas and nylon fabric envelope.



## ▶ UXO MATTRESS TA01050

Prevents mine activation by dividing the person's weight over a large surface area in a uniform manner. Achieving homogeneous dispersion of the user's weight.





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## ▶ HEAVY DUTY TRIPOD

TA01051

Enables a bomb disposal operator to remotely lift a suspect improvised explosive device (IED) weighing up to 750 kg from recesses such as a car boot, drainage hole etc.



## ▶ TELESCOPIC MANIPULATOR

TA01054

Enables bomb disposal operators to handle explosive devices and dangerous materials from a relatively safe distance lifts articles weighing up to 10kg.



## ▶ 36 NON-MAGNETIC TOOLS

TA01052



## ▶ 46 NON-MAGNETIC TOOLS

TA01053



## ▶ 85 NON-MAGNETIC TOOLS

TA01055



## ▶ HOOK & LINE KIT

TA001082

Enables the bomb disposal operator to remotely lift suspect improvised explosive devices weighing up to 100 kg, from recesses such as a car boot, drainage hole etc.



## ▶ EOD PRODER

TA01058

Anti-explosive layer: ballistic composite material aramid fiber.



## ▶ DE-MINING FLARE

TA01060

Designed for "low order" destruction of Landmines.



## ▶ LEG POUCH KIT

TA001084

A compact leg pouch hook and line kit for manual or remote disposal / neutralization of explosive devices.



## ▶ MARKING KIT

TA01059

Used for marking explosive charges and dangerous weaponry.





## ▶ CERAMIC KNIFE

**TA01061**

Non-magnetic, non-conductive and impervious to corrosion.



## ▶ CERAMIC FOLDING KNIFE

**TA01062**

Small compact folder with a blade that is a whisper above the two inch mark.



## ▶ CERAMIC CUTTER

**TA01063**



## ▶ CERAMIC SCISSORS

**TA01064**

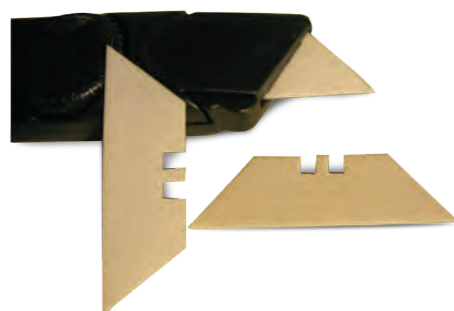
Small reinforced plastic scissors, produced with ceramic blade inserts. 304 stainless steel for the pivot and tightening screw for very low magnetic signature.



## ▶ CERAMIC STANLEY KNIFE

**TA01066**

Blade fits all standard utility knives that suit "STANLEY" type blades with two retention grooves. Super sharp and durable.



## ▶ CHAIN NOSE PLIER

**TA01065**

Long, flat-round jaws, angled 45°. With cutting edges.



## ▶ CERAMIC PLIER

**TA01067**



## ▶ MINI EXPLODER

**TA01042**

A one handed operation exploder, operating from commercial "off the shelf" batteries. Utilizes proven technology for a variety of EOD and IEDD applications.



## ▶ EXPLODER

**TA01070**

Provides users with a one handed operation exploder.



## ▶ REMOTE CONTROL BREACHING SYSTEM

**TA01043**

A compact, low cost, waterproof and robust addition to the range of radio frequency initiation equipment.



## ▶ MICRO EXPLODER

**TA01069**

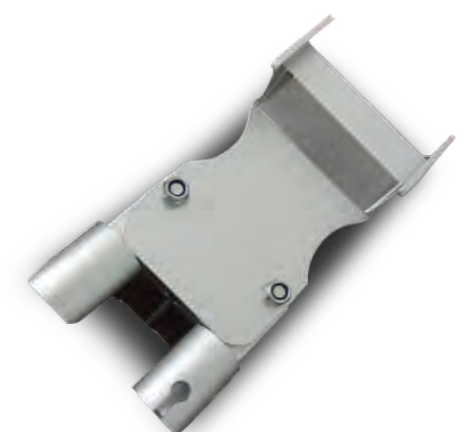
Small power source for deploying demolition circuit & charges in the fastest, safest & most reliable way.



## ▶ MULTI-FUNCTIONAL CAR BREACHING KIT

**TA01071**

The car breaching kit provides several solutions for bomb disposal technicians in both criminal and operational scenarios. It is easy to use, requires no special training and significantly reduces challenges when handling a car bomb. The kit may be connected and separated from the robot with no need to retreat from the scene. Stored in a rugged fabric bag which is stabilized with plywood platform, its inside parts may be separated.

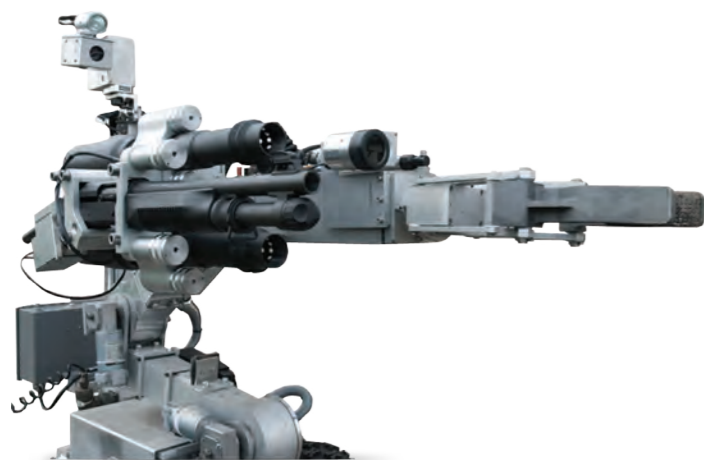




## ▶ WEAPON CARRIER SYSTEM

**TA01072**

Robotic weapon carrier attached to the robot. Includes laser sights and camera.



## ▶ FREEZE NEUTRALIZING KIT

**TA01073**

The freeze neutralizing kit enables the bomb technician to apply freezing techniques in both EOD and IEDD applications.



## ▶ TUBE/FUSE CUTTER

**TA01076**



## ▶ FUSE EXTRACTOR

**TA001085**

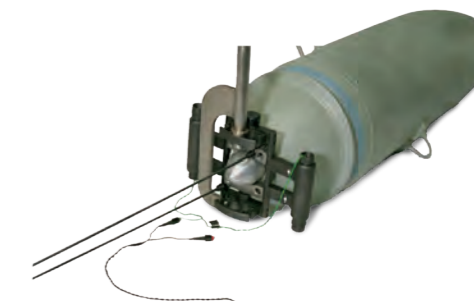
The Fuse Extractor is capable of removing certain types of fuse, mechanically and from a safe distance.



## ▶ MANUAL FUSE EJECTOR

**TA01077**

Designed for use when dealing with very tight fuses, which may be encountered with certain types of Unexploded Bomb (UXB).



## ▶ FUSE NEUTRALISING KIT

**TA001070**

The kit contains equipment with which to introduce specific agents into appropriate fuse mechanisms and systems in order to neutralise them.



## ▶ MINI RECOILLES

**TA01074**

The cannon is powered by an electrically initiated 12 gauge cartridge and features a 19mm bore barrel. The disrupter can be used with either a water charge, frangible or solid projectile with a mass of 50g.



## ▶ MAXI RECOILLES

**TA01075**

The Maxi disrupter is a modular and recoilless de-armor and disrupter featuring three barrels - 1" (25.4mm), 40mm barrel choke and 40mm barrel with muzzle.



## ▶ DISPOSAL CHARGES

**TA01080**

High precision shaped charge for contact free explosive ordnance disposal (EOD) against UXOs and mines.



Up to 320 mm penetration



Up to 210 mm penetration



Up to 55 mm penetration





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## ▶ DOOR BREACHING EXPLOSIVE

TA02124



## ▶ 12G DOOR BREACHING AMMO

TA001079

The breaching cartridge can be fired from any magnum rated 3 inch chambered 12 gauge shotgun pump action or semi automatic.



## ▶ MODULAR WALL BREACHING CHARGE

TA01095

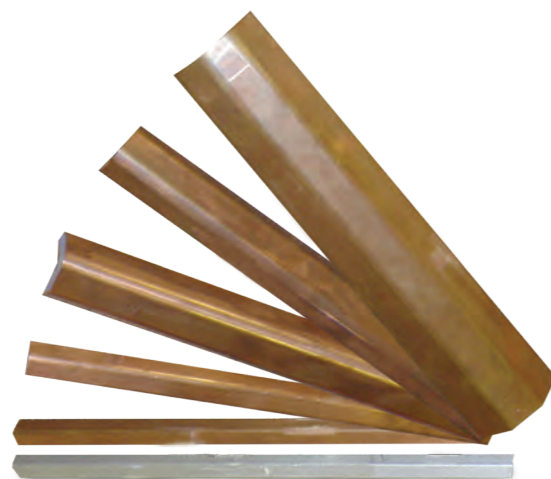
Modular version consists of straight modules used in arrays to build charges of different sizes and loads.



## ▶ LINEAR SHAPED CHARGE

TA001081

A continuous explosive core enclosed in a seamless metal sheath. The continuous linear and explosive produce a linear cutting action. The application is enhanced by careful control of charge dimensions and configuration, as well as linear and backer thickness and uniformity.



## ▶ DETONATOR

TA01082

The detonator configuration is composed of 3L shock tube and NPED detonators, available in variety of delay times, suitable for numerous applications together with starters.



## ▶ FAST DEPLOYMENT NONEL

TA001083

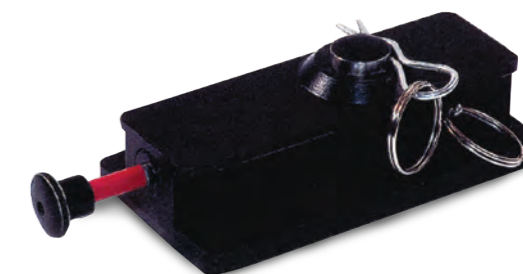
Nonelectric, multi-purpose initiation unit, virtually insensitive to electrical and electromagnetic influences with a fast deployment mechanism. Hands free operation, may be operated by elbow, foot or hand and attached to the ground or walls etc.



## ▶ MULTIPLE USE INITIATION DEVICES

TA01083

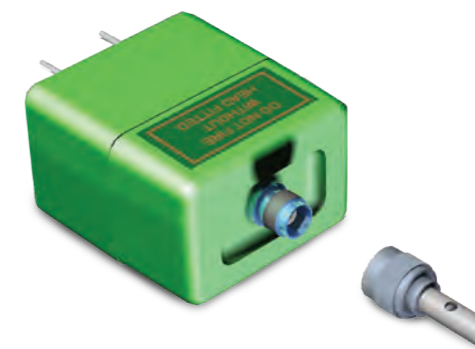
Specially developed for operations requiring both hands free when initiating the ST Starter. The device may be operated by elbow, foot or hand, and can be fastened on the ground, walls, etc.



## ▶ EXPLODER NONEL ADAPTER

TA01084

Shock tube adaptor.



## ▶ NONEL SYSTEM

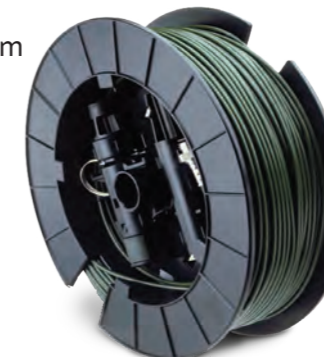
TA01085

Versatile non-electric initiation system. Consists of 3 main components: Grip Switch, Percussion Cap, and Shock Tube.

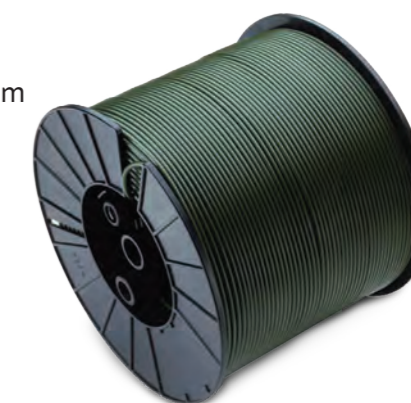
65m



100m



320m





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## ► FLOOD LIGHT

TA01086



## ► BALLOON LIGHT

TA01079

Metal halide light, the output is five times more powerful than an equivalent traditional halogen light.



## ► MULTI-COLOR LED FLASHLIGHT

TA03150

Waterproof in a depth of 20 meters. Works at temperature from -50 degrees to 62 degrees Celsius.



## ► PERSONAL IR & VISIBLE MARKER

TA03166

Operates on a single 3V lithium CR123 or 1xAA battery. The TL5PRO has an IR mode, as well as a 3 color mode: white, blue, red.



## ► PORTABLE 360 LIGHTING AREA

TA01081

Provides a powerful 12 degree spotlight or a 360 degree scene light. Ideal for accident & crime scenes, perimeter lighting, command post on-scene size up, forensic & nighttime photography.



## ► LED AREA-SPOT LANTERN

TA01087

The light can be mounted on a tripod, placed on a flat surface, mounted on wall or handheld. Provides 12 degree spot lighting or 120 degree area lighting.



## ► ANTI BLAST TACTICAL FLASHLIGHT

TA01089



## ► SEARCH LIGHT

TA01090



## ► FLASHLIGHT

TA04124

Tactical LED flashlight kit.



## ► HEAD MOUNTABLE FLASHLIGHT

TA06003

Head lamp lighting system used for rescue activities.





## ► EOD TRAININGS

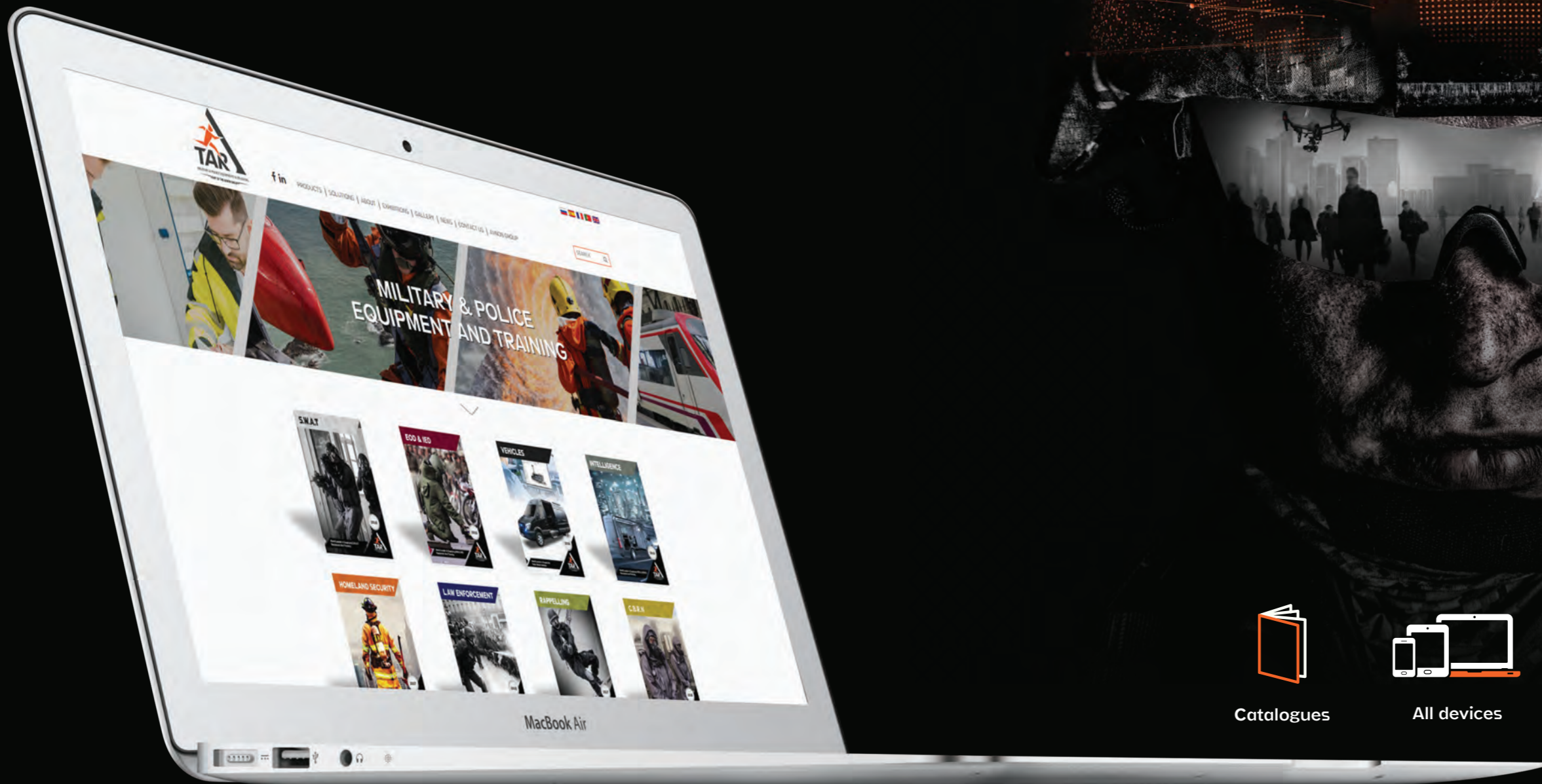
TA01091

No	Course Name	Duration in days
1	Explosive Material Engineering	10
2	Ballistics and Rocket Propulsion	10
3	Ammunition Course	10
4	Detonators and Warheads Course	10
5	Firework Operators Course	2
6	Engineering Reconnaissance and Intelligence Course	20
7	Precise Demolition	20
8	Camouflage	20
9	Hot Entry	10
10	Cold Entry	10
11	Advanced Hot Entry	15
12	Covert Entry	20
13	Skylight Entry	15
14	Climbing and Rappelling Course	20
15	Robotics Course	15
16	Designated Underground Warfare	15
17	EOD Course	50
18	Self Defense Course	25
19	Site Safety Supervisors Course	15
20	Tunnels and Hideouts Course	20





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Catalogues



All devices

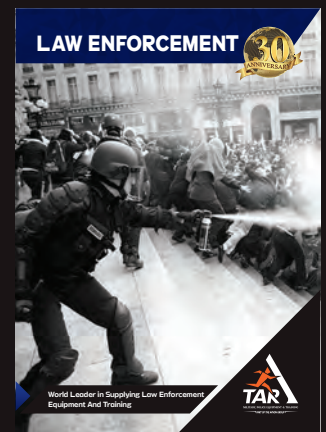


Request for information



# ONE STOP SHOP

TA01000-TA001999



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