



**Based on 25 years of special operational activity**

**Helping professionals, under stressful conditions**

**Providing operational convenience and multipurpose operation, in a miniaturized, reliable tool set**

**Designed for use by bomb disposal technicians, combatants, breachers, police, military and special operation units**

## **Sansolo Product Catalog**

### **Special Operations Equipment**

# Bomb Disposal

State-of-the-art products designed for the bomb technician combatant. Allows the operator maximum mobility to carry compact gear to handle explosive charges from close range and long range.

## Rapid Coil Product Family

A range of products aiding professionals who need electrical wires for electrical operations for various types of operational work, especially the military who carry a lot of equipment in war zones



Rapid coil is a thin, strong, double stranded electrical wire which is rolled up in a special way into a small container, instead of it having to be pulled and moved with a heavy pulley for electrical wire. This is a unique, reliable product which undergoes strict testing for user-safety, rapid conduction and reliable operation.



### SL-033 - 50m Rapid Coil

SL-033K - Rapid Coil 50m with Connector - fast connection

SL-133 - Rapid Coil 50m x 2 in Operating Case - operational readiness; conduction inside a bag

SL-133K - Rapid Coil 50m x 2 in Operating Case with Connector - operational readiness; conduction inside a bag



### SL-034 - 100m Rapid Coil

SL-034K - Rapid Coil 100m with Connector - fast connection

SL-134 - Rapid Coil 100m x 2 in Operating Case - operational readiness; conduction inside a bag

SL-134K - Rapid Coil 100m x 2 in Operating Case with Connector - operational readiness; conduction inside a bag



### SL-234 - 200m Rapid Coil

SL-234K - Rapid Coil 200m with Connector - fast connection

SL-234M - Rapid Coil 200m in Operating Case - operational readiness; conduction inside a bag

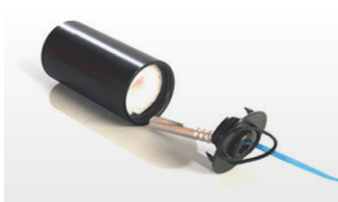
SL-234MK - Rapid Coil 200m in Operating Case with Connector - operational readiness; conduction inside a bag



### SL-320 - Rapid Coil 20m

SL-320P - Rapid Coil 20m with cap

These items are used with the SL-336 Wire Splitter



SL-021 - Detonator Canisters - for coils with operational readiness.

Polymer canister with a pull-open cap and hole for paying out detonator cables.

## Rapid Coil Complementary Products

Allows a wider range of operational usages for the Rapid Coil product family



**SL-323 - Rapid Coil 20m Handle**  
Handle for convenient, rapid laying and activation for a 20 meter rapid laying coil x3



**SL-334 - Coil Holder**  
A carrier for holding two rapid deployment coils, type SL-034, 100 meters. Used for attachment to robots or another platform for self-deployment of coils.



**SL-335 - Rapid Coil Marker**  
Assemblage at the back part of the coil. Marking the end of a coil during operational use.



**SL-336 - Rapid Coil Splitter**  
Allows the operation of several charges quickly in the same arena from one spot.

## Fast Pulley

Handling explosive charges from a distance

Fast release of the tow rope in the direction of the charge. There is an option for attaching the element needed to handle the charge at the end of the rope. The pulley consists of a coiled tow rope, 2mm thick, inside a container. The rope can take weights of 120kg. At the end of rope is a rappelling ring that can be attached to whatever device is required to deal with the explosive charge, such as: hook, cutter, anchor etc.



**SL-035** - 50m long

**SL-036** - 75m long

**SL-035A** - Spare Strings for SL-035

**SL-036A** - Spare Strings for SL-036

**Dedicated case** - made of fabric with studs, two pouches for two reels and a small rear pouch for key with a securing lanyard.

**SL-037** - Protected Disconnecting Knife

**SL-038A** - Protected Towing Hook



## Detonator Protective Sleeve Models

Purpose-designed protective sleeve for manually handling an explosive charge

Operational purposes:

Manual handling of an explosive device when the detonator is accessible but not all components of the device have been bared.

Transport of detonators next to primary charges; Transport of detonators in operational activity, when the detonators and explosives are close to each other; Transporting detonators on aircraft, or in proximity to electronic devices and RF effects.



**SL-002**

Detonator no. 8  
Length available for inserting detonator: 73 mm  
Diameter available for inserting detonator: 8 mm



**SL-003**

Detonator no. 8 + 1gr. R.D.X.  
Length available for inserting detonator: 83 mm  
Diameter available for inserting detonator: 10 mm



**SL-004**

Detonator no. 8 + 2 gr. R.D.X.  
Length available for inserting detonator: 85 mm  
Diameter available for inserting detonator: 10 mm



**SL-005**

Detonator no. 8 + 3 gr. R.D.X.  
Length available for inserting detonator: 100 mm  
Diameter available for inserting detonator: 11 mm



## SL-030 - Compact IED Sansolo Kit

A special reduced size Hook and Line kit for manual or remote disposal/neutralization of explosive devices

Contains a variety of compact equipment for handling and disarming improvised Explosive Devices (IED). The case is very lightweight and comfortable to carry. It is used by bomb disposal units and special units, and is the perfect solution for dealing with IED disposal (IEDD), especially in combat situations where versatility, efficiency and lightweight are essential. The case contains a folding anchor, hook, extremely sharp anchor blade, large hook, tow rope handle, rappelling metal rings, folding pulley with a tow rope of 50m length (ripping strength 240 kg), two fast deployment single use electric cables, length 50m. (The items can be attached to the end of the tow rope). Other items can be included as required.



SL-030 - Compact IED Sansolo Kit



SL-030A - Improved Compact IED Sansolo Kit

Improved version: Additional elements such as rings, fixation straps, scalpel knife kit, prodder

## Pulley Product Family

A range of products for the remote disposal/neutralization of explosive devices and for remote electrical activations



SL-026 - A Pulley for Charge Handling - 100m/3mm Dyneema string, 600Kg break strength

SL-026E - Electric Cable Pulley - 100m/3.4mm Coaxial Cable

SL-026CO - A Pulley with a Coil Holder - 100m/3mm Dyneema string, 600Kg break strength with a 100m Rapid Coil Carrier

SL-028 - Retractable Wire Pulley - A pulley for retracting the wire of the Rapid Coil after it was deployed

SL-031 - A Pulley for Charge Handling - 50m/3mm Polyester string, 240Kg break strength

SL-031A - A Pulley for Charge Handling - 75m/2.5mm Kevlar string, 350Kg break strength

SL-031B - A Pulley for Charge Handling - 75m/2.5mm Dyneema string, 360Kg break strength

SL-031E - Electric Cable Pulley - 100m/2mm Coaxial Cable

SL-031CO - A Pulley with a Coil Holder - 75m/2.5mm Kevlar string, 350Kg break strength with a 100m Rapid Coil Carrier

## Tools that are part of the Sansolo kits

Remote handling, pulling and cutting tools



### SL-032 - Folding Anchor

#### A Folding Anchor for pulling explosive devices

Made of stainless steel, its horns fold with sleeves insulated against short circuits, with a hole for connecting the ring at the end of the cord to the spool.

This item is also used as a part of the SL-030 Sansolo Kit.



### SL-038 - A Protected Towing Hook

#### A hook for shaking, dragging, tearing of soft envelopes for handling by remotely pulling

Made of two horns that are protected by plastic sleeves against accidental user pricking.

The hook connects to a spool using a drawstring that is looped onto the hook.

This item is also used as a part of the SL-030 Sansolo Kit.



### SL-143 - Miniature Prodder Kit

#### A small kit for delicate handling, manual handling, scratching, pulling, separating and securing mechanical apparatuses.

Accommodating 4 different spikes with a thread that can be twisted onto a handle, coated with a rubber insulating sleeve. Tweezers with a plastic handle, a long, rounded spike, dental mirror, three catches and reserve blades for the protected knife.

This item is also used as a part of the SL-030 Sansolo Kit.



### SL-037 - A protected Disconnecting Knife

#### A knife for remote cutting of connected wires

Main purpose – disconnection and cutting of electric wires in an electric system, remote cutting of connected wires by pulling. Also intended for disconnecting wire cables, like a military telephone cable, the blade being protected by the polymer housing against unintentional cutting of the user. The knife connects to a pulling rope using a ring that is connected to the knife housing hole.

This item is also used as a part of the SL-030 Sansolo Kit.

## Safety Pin Kit

A kit for securing mechanical apparatuses



### SL-243 - Pad without a case

Includes 12 short pins and 3 long pins.



### SL-243A - Pad folded in two, inside a case

Includes 12 short pins.



### SL-243B - Pad folded into four, inside a case

Includes 12 short pins.

## SL-090 - Container for Batteries and small delicate equipment



## Prodders



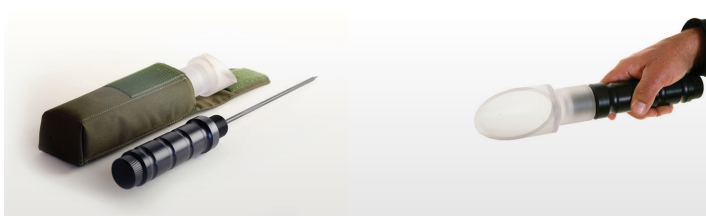
### SL-041 Multi Purpose Prodder

A means for detecting mines, weapons and booby traps in various types of ground conditions, with a suitable working length for various operational tasks



### SL-043 Miniature Prodder

A part of a small kit for handling explosive charges, a miniature kit in itself, a prodder for detecting mines and booby trapped weapons



### SL-044 Short Prodder

A Miniature kit for detecting mines and booby trapped weapons. Built especially for SL-030A.



### SL-045 Removal Spoon and Prodder

A Miniature kit for detecting mines and for removal of dirt around the mine. Light, small in size and portable.

## SL-276 - Trip Wire Detection Antenna



### Telescopic antenna with a shaking element for detecting tripwire

Pulling of metal elements from problematic places that cannot be reached by hand using a magnet that is attached to an antenna. Collecting of fragments for testing using a magnet that is attached to an antenna. Detection and marking of tripwire using color ribbon. Observation with a mirror attached to an antenna.



## SL-069 - Trip Wire Marking Ribbon



### A ribbon for detection and marking of trip wire

Suitable for use in case of throwing of ribbons forward on the route of advance of a force if there is fear of booby traps and trip wires. The ribbon can greatly help detect trip wire that is used for activating booby traps during combat, particularly in built up areas. Using a ribbon to mark dangerous ordnance on a route when there are problems for advancing forces. This device can be carried by each individual trooper. Ready for extraction and throwing as an accessory for paths that are free of booby trapped using trip wire, thus saving human life. The reel rolls up quickly and efficiency without further accessories.



## SL-039 - Backhand Mini Toolkit

A miniature toolkit designed to fit over the back of the operator's hand



Toolkit contains uniquely designed, special purpose tools. Based on an original operational doctrine. Integral kit position will not restrict the operator's movements or performance. A fabric sleeve that fits around the forearm using straps, with pouches stitched onto it for various tools for operational work for technicians based on the user type.

### Advantages:

The element carries dedicated tools and fits around the forearm, allowing tools to be kept near the operator's hands and allowing soldiers / bomb disposal technicians to work under different operational conditions.

Tools that are essential for executing rapid actions such as cutting with a cutter or knife, securing mechanism for rapid use made of sticky tape etc. within operational work. When the operator is carrying a firearm or other equipment items and it is necessary to facilitate bring tools to bear close to his hands without having to fumble for essential tools in one's combat vest or pockets.



Hand attachment



Leg attachment



Thigh attachment



Molle attachment

## Recommended EOD Knives

SL-081 - Hook Knife



SL-082 - Double Bladed Knife



SL-083 - Scalpel Knife



SL-085 - Fixation Leg Strap



Knives included in SL-030 kit



# Offensive Demolition

Innovative tools for an extensive range of applications: for attacking and neutralizing explosive charges, for breaking through the doors of suspicious vehicles, for breaking through windows and blinds when entering buildings.

## SL-020 - Exploder Systems

Field-Proven System for Deploying Demolition Circuits & Charges in the Fastest, Safest & most Reliable Manner Possible

A portable, compact & lightweight kit  
Quick connection of kit elements: power operated cable reel & exploder  
Immediate operation  
Impeccable operational reliability  
Suitable for multiple uses



SL-020KA - Rapid Deployment  
Electrical Cable  
RF protected cable



## SL-022 - Electrical Detonation Wire (Case)

A shielded electrical wire housed inside a case for short, rapid electrical activations in special operations

15/20 Meter shielded cable  
A reliable, safe cable; can be deployed very quickly.  
Suitable for use in an operational device that is protected against external influences, is suitable for very short electrical activations in special operations. Small weight and volume, very quick and convenient to operate. Operational with a detonator connection to a wire.



## SL-025 - Power Cable Drum/Reel

Field-Proven Cable for Deploying Demolition Circuits & Charges in the Fastest, Safest & most Reliable Manner Possible

100 Meter shielded cable  
Specialized drum/reel for long-range, rapid cable deployment  
Designed for operation by EOD / IEDD specialists.  
Unique internal structure & winding mechanism enable rapid deployment & easy, simplified operation  
Designed for long-term use





## Breaking and Entering Assault Kits

Original Demolition Kits for an Extensive Range of Applications



### SL-050 - Breaching and Entering Assault Case

Uses:

For attacking and neutralizing explosive charges

For breaking into a car trunk

For breaking through windows and blinds when entering buildings

Weight: 750 to 850 grams.

General body dimensions: length: 200 mm, Width: 93 mm, Height: 90 mm



### SL-056 - Breaching and Attack Pad

Main purpose: door breaching

Advantages:

Use of flexible polymer as a stop back instead of liquids.

Increasing the effect of explosives relative to the small quantity.

Reducing preparation and activation time, a rapid, convenient device for operational use.

The device has special detonator housings for rapid, safe connection.

Weight: 750 to 850 grams

Dimensions: length: 215 mm, Width: 210 mm, Height: 35 mm



### SL-057 - Breaching and Attack Pad

A pad for breaching doors made of hard metal

Advantages:

Use of flexible polymer as an energy stop back instead of liquids or rubber.

Increasing the effect of explosives relative to the small quantity.

Reducing preparation and activation time, a rapid, convenient device for operational use.

The device solves problems related to difficult to breach doors.

The device has special explosives housings for rapid, safe and convenient connection.

Weight: 2200 to 2500 grams

Dimensions: length: 421 mm, Width: 202.5 mm, Height: 33 mm



# Marking Elements

Marking elements are essential in tactical situations. Our flashlight marking kit contains fourteen different evidence marking elements with interchangeable color lenses indicating level of risk.

## Marking Flashlights

Various types of flashlights for marking explosive charges and dangerous weaponry

SL-071 - A Concealed Marking Flashlight



SL-072 - A Blue Marking Flashlight



SL-072A - A Blue Marking Flashlight with Prism



SL-073 - A Colorful Marking Flashlight



SL-076A - Flashlight for Telescopic Height Element for Marking



SL-078 - A Blinking Marking Flashlight



SL-079 - A Unidirectional Flashlight



SL-171 - A Telescopic Marking Flashlight



## Spikes

SL-172 - Spike



SL-172T - T Shaped Spike



SL-172B - Double Spike



SL-177 - Adjustable Spike



## Folding Marking Elements



**SL-074 Folding Marking Element**

**Marks Dangerous Mine Laying & Means of Warfare**

An umbrella like with a diameter of 120mm. Has a spike for stabbing into the ground, during the stab the umbrella is opened automatically. In a terrain where there is no option to stab the element, the element's spike can be located within a folding stand. A flashlight can be attached on the element making it a day & night marker.



**SL-076 Telescopic Height Element for Marking**

**A Telescopic Rod That Opens Into a 63cm Diameter Element, for Marking in a Territory During the Day and Night**

Can be stabbed in the ground by a spike that can be connected to the telescopic rod. A magnet is located on the top of the rod to enable the attachment of a marking ribbon, during the day, or a marking flashlight, during the night.

## SL-070 - Combat Marking Kit



### A compact kit for marking explosive charges and dangerous weaponry

A small multi purpose kit with ten flashlights and all necessary accessories for attachment to the object in various ways  
Various types of flashlights are available: color changer, blue LED, blinking, or other types  
The kit is designed to be light and easy to use even in field conditions, with all accessories needed for the same operational purpose  
The flashlights in the kit are small but work for long periods; they are strong and reliable

The kit contains the following items:

Flashlights – 10 units

SL-172 A Penetrator for each flashlight - 10 units

SL-172B A Double Penetrator for each flashlight - 10 units

SL-171A A Reflector

Double sided sticky metal piece – 20 units

Exchangeable caps – 50 units in 5 different colors

## SL-170 - Trail Marking Kit

### A compact kit for marking passageways in minefields

A polymer wire, 50m long for marking passageways in minefields.



## SL-175 - Marking Kit

### A compact kit for marking explosive charges and dangerous weaponry

A small multi purpose kit with 5 units of the following items: Telescopic Marking Flashlight (SL-171), Marking Cross (SL-176), T Shaped Penetrator (SL-172T) and Reflector (SL-171A). The kit is designed to be light and easy to use even in field conditions, with all accessories needed for the same operational purpose. The flashlights in the kit are small but work for long periods; they are strong and reliable.



## Combat Marking Kit

### A cross for marking explosive charges and dangerous weaponry





# Combat Pyrotechnics

A complete simulation of battlefield sound during combat training, for exercises with individual soldiers or training of whole units.

## SL-010 - Detonation Simulator



### Electronic Operated Pyrotechnical Mini Thunder-Flash Blast Simulator

Loud, impressive blast effect  
Safest pyrotechnical device in this category – rigid construction, safe operating method & optimal pyrotechnical charge size  
May be used for close-quarter training – enables the most realistic simulation in close proximity to the training personnel

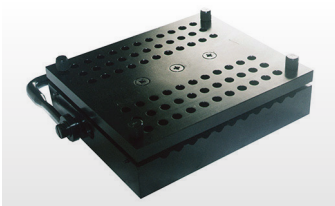
## SL-012 - Bang Buffer



### Safety device designed to contain exploding thunder-flash devices and provide protection to the training personnel at close ranges

Improves safety in practice drills where fighters must train in close proximity to pyrotechnic devices that simulate explosions. The Bang Buffer provides a safe solution for situation in which explosions must be simulated, for example, simulation of terrorist attacks, missile attacks, mistakes in I.E.D. drills, and so on. It can be used when the trainees have to be very close to the pyrotechnic charge.

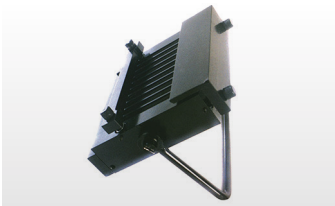
## SL-015 - Burstmaster



### Pyrotechnical device used to simulate the effect of bursts fired by small arms and machine guns

Used in conjunction with other means for a complete system. It simulates battlefield sound for training, exercises and drills for individual soldiers or whole units. It enhances the battlefield atmosphere, heightening the tension, and enabling trainees to experience the pressure and excitement of the real thing.

## SL-016 - Shell Shocker



### Pyrotechnical device used to simulate the impact of exploding artillery shells

When used in conjunction with other elements, provides a complete simulation of battlefield sound during combat training, for exercises with individual soldiers or training of whole units. Enhances the battlefield atmosphere, heightening the tension, and enabling trainees to experience the pressure and excitement of the real thing.

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