

# TRUSTED TOOLS FOR HOMELAND SECURITY

## NEEDLE (PLUS) PRECISION DISRUPTOR

NSN 1385-99-485-3385

The Needle (Plus) is a development of ABP's Needle Disruptor. In answer to requests from a number of our customers, ABP have developed a "leadless" cartridge and breach system which allows standard command cable to be connected in a manner common to ABP's other disruptors such as Pigstick and Hotrod.

Needle (Plus) retains the service proven performance of the standard Needle, being suited to render safe procedures against small IED's such as those contained in letters or small parcels or for precision disruption where a precise target area is known.



Please note: This information is not intended to form the basis of a contract. Specifications subject to change without notice. Please contact ABP for further details.  
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The Needle (Plus) Disruptor is a multi-shot device capable of many firings and requires minimum maintenance. Training may be carried out using the equipment without detriment to its service performance.

Needle Plus may be deployed using the anti roll clamp (supplied), the lightweight stand (supplied) or by mounting to a Remotely Operated Vehicle (ROV) such as ABP's Guardian or Cyclops.

Preparation of the Disruptor is straightforward and quick to achieve and may be carried out remotely from the target to enhance operator safety.

Needle Plus is constructed from non corroding stainless steel parts which are manufactured in accordance with ABP's ISO 9001 quality approval system. Prior to release each equipment is subjected to an over pressure proof test and flaw detection.

## EXISTING NEEDLE UPGRADE

Current users of the existing Needle equipment can take advantage of this upgrade by procuring a new breach assembly and returning their existing barrels for a minor modification to accept the Needle (Plus) cartridge.

## ACCESSORIES

### FLYING SCALPEL

The Flying Scalpel is a device which can be fired by the Needle or Needle (Plus) Disruptor and may be used to cut cables, cords or similar targets.

NSN: 1377-99-232-3236



## COMPLETE EQUIPMENT

DESCRIPTION	MPN	QUANTITY
• Disruptor Main Body	3020-638	1
• Disruptor Rear Body	3020-641	1
• Loading Tool	TX 440A	1
• Anti Roll Clamp	TX 441A	1
• Stand	TX443A	1
• Cleaning Handle	TX2415	1
• Brush Small	550-4037	1

## AMMUNITION

The Needle (Plus) is operated by a bespoke cartridge based on a 44 Magnum cartridge case. The cartridge is an electrically initiated leadless version of the existing needle cartridge, each batch of cartridges are ballistically tested to ensure correct and consistent performance. The cartridges are supplied in multiples of 90 packaged within an M2A1 container complete with all internal furniture and all required consumable parts.

Needle (Plus) Cartridge NSN: 1385-99-352-5360

## TECHNICAL DATA

Disruptor: Length 310mm, Main body dia 22mm, Rear body dia 34mm, Weight 940g

Holdall: Overall Size 380 X 220 X 120mm, Overall equipment weight 3.2Kg

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