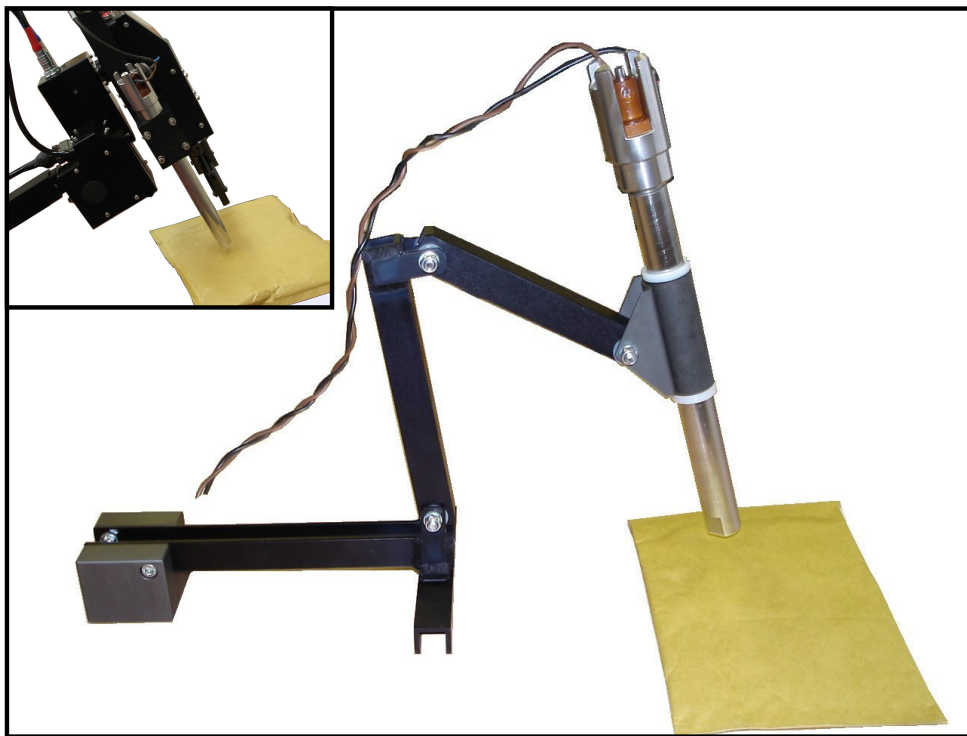


**Trusted Tools For
Homeland Security**

**Precision Disruptor
Needle (Plus)**
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 and providing a high probability of avoiding detonation of the suspect device. Needle (Plus) is also particularly suited for precision disruption where a precise target area is known.



Needle shown deployed using the supplied stand and mounted on Cyclops ROV (inset)



AB Precision (Poole) Ltd, 1 Fleets Lane, Poole, Dorset, BH15 3BZ UK
☎ +44 (0) 1202 665000
☎ +44 (0) 1202 441666
✉ eod@abprecision.co.uk
🌐 www.abprecision.co.uk

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Trusted Tools For Homeland Security

Precision Disruptor Needle (Plus)

NSN 1385-99-485-3385

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 performance.

Needle 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 ROV.

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

Needle 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.

The Needle is supplied as a complete kit in a valise style holdall which includes pockets to secure all parts. The kit contains the following items:

- Disruptor Main Body
- Disruptor Rear Body
- Loading Tool
- Anti Roll Clamp
- Cleaning Rod and Brush
- Stand
- Pistons



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

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

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

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☎ +44 (0) 1202 441666

✉ eod@abprecision.co.uk

🌐 www.abprecision.co.uk

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