

Annex 3 – Products technical specifications.

Item # 1 and 2: Tjet 500 and Tjet Mini

For use against thicker skinned ordnance (eg. Air Launched munitions, Mortar rounds and 105 High explosive anti-tank rounds)

T-JET500 Cuts through up to 25mm Steel (Individual results may vary) and in multiple tests have cut through both walls of UK 81mm Mortar bomb.

Minimum Specifications Tjet 500:
Weight: 1275grams (when filled)
Dimensions
Length: 200mm
Diameter: 94mm

Minimum Specifications Tjet Mini:
Weight: 350 grams (when filled)
Dimensions
Length: 220mm
Diameter: 25mm

Illustrative picture:



Item # 3: Mine Detector

Application: Detection of ERW (explosive Remnants of War), Landmines, IEDs and UXO, for Military, Security and Humanitarian Clearance.

Technology: Pulse Induction: Bi-Polar Multi Period Sensing

Freq/Trans: 1.25 kHz +/- 3% PRF

Coil (stand): 200mm Mono Coil

Ground Balance: Yes
Ground Balance Type: Fixed ground balance
Sensitivity Adjust: Sensitivity adjusted by changing endcaps
Tune / Noise Cancel: Semi Automatic
Threshold: Threshold tone or
Battery: 4 x D Cell
Low battery alert: Yes
Length: 1500 mm to 750 mm
Weight: 3.2 kg with batteries

Illustrative picture:



Item # 4: Final Approach Suit (bomb suit)

BLAST PROTECTION

No penetration in each of the following scenarios:

- 0.567kg C4 @ 0.6m kneeling,
- 1kg PE4 @1m Standing,
- 2kg PE4 @2m Standing,
- 10kg PE4 @3m Standing

- Lightweight - Size 3 Medium Jacket, Pants and Helmet weigh in at 72 pounds.
- Articulating Front Plate
- Enhanced Mobility and Visibility

Illustrative picture:



Item # 5: De-armor/disruptor

Manual multi-shot device capable of thousands of firings without affecting performance.

- Disruption barrel enables projection of high-pressure water slug into the suspect device, rapidly disrupting the firing circuit and avoiding detonation
- De-Armer barrel enables rapid firing of a selection of steel slugs, chisels or forks to remove or neutralise the fuses of ordnances including air-dropped bombs and land service munitions
- Neutralises IEDs including pipe bombs and metal cased devices
- Recoilless operation maximises operator safety and prevents collateral damage
- Can be deployed by placing on an appropriate surface such as a car seat or sandbag, mounted in a supplied lightweight stand or on a Remotely Operated Vehicle for enhanced operator flexibility

Minimum Specifications:

- Constructed from precision-manufactured corrosion resistant materials developed in accordance with ISO9001 quality approval system
- Flaw detected and proofed during manufacture
- Disruptor mode length: 515mm, weight: 4.5kg
- De-Armer mode length: 284mm, weight: 3.5kg

Illustrative picture:



Item # 6: X ray machine For EOD Tasks

Minimum Specifications:

- 10" x 12" DR Flat Panel Detector (made in USA)
- Protective Panel Case with built in nylon handles and quick clamp bi-pod stand
- Imaging Software
- Backpack
- Microsoft Surface Pro Tablet, Panasonic Tough Pad, or similar tablet
- Remote Image Controller
- Wired Ethernet option, Batteries & Cables
- Dragon View Portable X-Ray System

Illustrative picture:



Item # 7: Hook & Line kit

Basic Hook and Line Tool Kit for Explosive Ordnance Disposal, Bomb Squad, and Special Operations procedures.

Must feature high quality components, stainless steel hooks, high-strength marine-grade pulleys, low-stretch high grade Kevlar Rope and other essential tools made specifically for Improvised Explosive Device (IED), remote movement and remote handling operations.

Illustrative picture:



Items # 8: EOD Tool Bag

Standard EOD Tool Bag or Pouch

Illustrative picture:



Item # 9: Command wire detector

- High performance, high sensitivity amphibious metal detector certified to detect metal and minimum-metal content targets from ground to fresh or saltwater bodies down to 100 m depth.

Illustrative picture:



Item # 10: Rocket Wrench

The Rocket Wrench allows the user to render safe unexploded munitions which incorporate a 'screw-in' fuse assembly attached by either a left- or right-hand thread.

Illustrative picture:



Item # 11: IED/Booby Trap Hook & Line Kit

Advanced Hook and Line Tool Kit is for Explosive Ordnance Disposal (EOD), Bomb Squad, and Special Operations procedures.

The Kit must feature high quality components, stainless steel hooks, high-strength marine-grade pulleys, low-stretch high-grade Kevlar Rope and other essential tools made specifically for Improvised Explosive Device (IED), remote movement and remote handling operations.

Illustrative picture:



Item # 12: Spare batteries (for Mine detector - item #3)

Standard Rechargeable Nickel Metal Hydride Cylindrical cell with a nominal voltage of 1.2 volts and a capacity of 7,000mAh (7 Amp hours).

Illustrative picture:



Item # 13: Personal emergency mine marking kit

Must contain:

- Pouch
- Compact Mine Prodder CMP 2
- Carbon Fibre Trip Wire Feeler/ Pin Marker Sticks x 15
- Evolution Pin Markers - 10 white, 5 red
- Mini Light sticks - 10 green, 5 red

Illustrative picture:



Item # 14: Charging unit (for mine detector - item #3)

Standard charging unit for rechargeable batteries.

Must be an ultra-fast battery charger that is robust enough to handle field conditions.

Illustrative picture:

