



## AlphaMod™

AlphaMod is a compact, lightweight and low NEQ powerful assault IED disruptor, which incorporates high-performance water shaped charge technology.

Intended for rapid manual deployment by dismounted and assaulting EOD units, it can - if required - also be deployed by ROV singularly or as a multiple array for various target IEDs.

Accessories available include magnets, tape adhesives and stands to enable rapid secure emplacement in complex environments - both land and maritime.

The low NEQ enables the disruptor to be used in confined spaces without creating significant overpressure.

Weighing less than 0.25kg (0.55lb) when loaded, the charge gives the equivalent disruption to medium and large-sized cartridge-driven Disruptors. AlphaMod uses patented technology to produce a blade-like jet of water using sheet explosive or detonating cord as the propellant and water as the projectile. The tool is provided empty and is loaded with explosive by the user.

### Features include:

- > Perfect for use by dismounted/assaulting EOD units
- > Patented technology
- > Low NEQ suitable for use in confined spaces
- > Very lightweight, low NEQ, powerful effect

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## Applications

AlphaMod can be deployed quickly by simply placing near the target. However, in cases where the target is in a hard-to-reach location, there is a MOD Charge Mount, which allows various methods of emplacement, such as magnet, tripod, screw, and Breacher's Tape.

Deployable by hand or by ROV, a single module is capable of disrupting a small wooden, plastic or metal box. The AlphaMod has proved highly effective at rendering safe small to medium-sized IEDs. It can be configured as a directional shaped charge disruptor or as a general omnidirectional water disruptor. It is also capable of being used as an access tool to explosively open vehicle trunks/boots and as a simple Explosive Method of Entry into buildings.

## Charge Composition

Each charge consists of two containers; a tamper and a projectile, which are fitted together, sandwiching the explosive charge. These are held together with either tape or a band, intended to minimise size, weight and fragmentation. AlphaMod can be used effectively as a single charge but can also be linked together as an array using boosters and detonating cord to ensure simultaneous detonation, the charges can be placed end-to-end or completely separate aiming at multiple IEDs/components.

## Additional applications

The AlphaMod can be used as an EOD access or breaching tool and is capable of opening car boots and defeating door locks when used as a contact water charge without stand-off.

## Safety

The charges have been constructed with no metal components, ensuring minimal projection of dangerous fragments. The explosive is contained by water on all sides. This arrangement provides tamping for the explosive, causing a higher proportion of the explosive energy to be imparted to the jet. The water tamping also suppresses the flash of the explosive and reduces the shockwave generated by the charge. This is much safer than the uncontrolled recoil of heavy disruptors.

## Special Forces (SF)

AlphaMod™ can be provided without any branding and produced in a discrete grey colour for Special Forces use.

## For further information

Contact [sales@explosives.net](mailto:sales@explosives.net), telephone +44(0)1249 65 1111 or speak to your authorised Alford representative.

## Specifications

Dimensions	70*x50x70mm (*85 including filling caps)
Weight Empty - Weight Full	56g - 210g
Total Water Content	150ml
Volume of Projected Water	40ml
NEQ Range	4-20g
Part No. / NSN (Single Charge)	ALM1001 / NSN 1377-99-503-4722



AlphaMod



AlphaMod angled on tripod



AlphaMod positioned on steel

## Other products to consider:

Mod Charge Stand -for positioning charge with multiple attachment options

DemiMod™ - IED disruption

QMod™ & MajorMod™ – IED disruption

MajorMod™ – Large IED disruption

MiniMod™ – Medium IED disruption



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