

DEMI MOD



Small IED Disruptor

DemiMod™ is a lightweight (0.5 kg), explosively driven water disruptor for use against small to medium-sized IEDs. It shares the same geometry as the MiniMod™ but is half as long, providing a more cutting and penetrating projectile than the QMod™ or MajorMod™.

Globally trusted by operators, its versatile design allows for easy mounting on an ROV or for manual deployment. Highly effective at opening and rendering safe pressure cooker-based IEDs, it's also capable of being used as an access tool to explosively open vehicle trunks/boots.

Perfect against small to medium-sized IEDs

Patented technology

Ideal for IEDD and access applications

Very lightweight, low NEQ, powerful effect



Performance

Each module consists of two containers: a tamper and a projectile, which fit together, sandwiching the explosive charge. Endcaps hold the elements together and allow separate modules to be joined side-by-side or end-to-end according to the size and shape of the target.

Weighing less than 0.5kg when loaded, the charge gives the equivalent disruption to that of a Pan Disruptor or PigStick. DemiMod uses patented technology to produce a blade-like jet of water using sheet explosive or det cord as the propellant and water as the projectile. The tool is provided empty and is loaded with explosives by the user.

Deployable by hand or by ROV, a single module is capable of disrupting a small wooden, plastic or metal box of up to 30 litres in volume. The DemiMod is effective at removing concrete cladding from suspected IEDs, which include projectiles cast in concrete, and has successfully disrupted IEDs placed inside animal carcasses, which are difficult to disrupt because of their composition. With a heavy explosive load, DemiMod is capable of disrupting IEDs in steel fire extinguishers or barrels. Also employed in breaching operations as an irritant injector by placing the charge against a window or door, with CS or pepper added to the liquid within the charge.

Specifications

- Dimensions: 170 x 70 x 50 mm
- Weight empty: 0.2kg
- Weight loaded: 0.5kg
- Water capacity: 0.3 litres
- Vol. of projected water: 0.1 litres
- NEQ: Single layer of SX2 - 20g; 10g/m detcord (three strands) - 4.5g



For more information contact:
sales@explosives.net
+44 (0)1249 651 111
or speak to your authorised Alford representative

www.explosives.net

Alford House
Epsom Square,
White Horse Business Park,
Trowbridge,
Wiltshire BA14 0XG
United Kingdom



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