



MANTIS

The Mantis is a general purpose, lightweight, disposable disruptor capable of carrying out render safe procedures on IEDs packaged in containers such as parcels, briefcases or smaller items.

Mantis has been developed specifically to offer a lightweight Disruptor capability having equivalent performance to ABP's other general purpose disruptors.

The Mantis operates using the PT 1066 cartridge. The Mantis has been tested using impact measurement, radiography, high speed photography & simulated targets to positively verify absolute and comparative performance.

The Mantis is particularly suited to applications such as Special Forces operations where equipment weight and ease of deployment are paramount. The Mantis is also suited for use on small ROV's with limited payload carrying capability or to allow multiple weapons to be carried by a single ROV. Conventional deployment either manually or by ROV is of course possible.

The Mantis is a single shot device, which is supplied piston in place with a closure cap and breech. It is therefore self contained with no cleaning or ancillary equipment required and no armoury / maintenance required.

- Barrel is chemically inert and stable over normal EOD operating temperatures
- Preparation is straightforward – miss-assembly precluded due to “piston in place” delivery
- Operates using the PT 1066 cartridge available from ABP





TECHNICAL DATA

DESCRIPTION:

Length
Main body dia
Rear body dia
Weight
Normal Calibre
Water Charge
Barrel Material
Breech Material
Supplied with Piston (in place)
and End Cap

INFO:

442mm (inc Breech)
48 mm (Barrel)
73mm (Breech)
850g (Load)
27mm
140ml
Thermostat Elastomer
HDPE

PT 1066 CARTRIDGE

The Mantis is operated by a bespoke cartridge. Each batch of cartridges is ballistically tested to ensure correct and consistent performance. The cartridges are supplied in multiples of 18 packaged within a M2A1 or H83 container complete with all internal furniture and all required consumable parts.

PART NO: PT 1066
NSN: 1385 99 315 0151

