



MULTI-SHOT ROBOTIC EOD DISRUPTER

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User Interface

MAGAZINE		CHAMBER	
A: Boresight Laser		Content: Slug	Type: Steel
B: Water Adapter		Status: Unfired	SrcTube: C
C: Empty		isLocked: true	
D: Slug	Aluminum	LASER: OFF	
E: Blank	High Velocity	RQST: DONE	
F: Blank	Black Powder		
G: Blank + Plugs	Enhanced		
H: Fired Blank	Popper		
RECOIL	Fwd: YES	Eng: NO	
Range: 9.0	Pitch: 0.1	Roll: 0.9	
FIRING SEQ: ARMED			
OPERATION WIZARD			
Reset Recoil	Approach Target	Load Round	
Aim	Arm	Fire	
Unload Round	Done		
ACTUATORS		POSITION	
NO	RECOIL	Neutral	
NO	MAGAZINE	Striker	
NO	ACTION	Striker	
NO	PUMP	0	

Compatible with all standard 12-gauge EOD ammunition

- AVON Slug
- Aluminum Slug
- Steel Slug
- High Velocity Lead Slug
- Ultra Velocity Lead Slug
- E-Blank / BK110
- Black Powder Blank / BK40
- High Velocity Blank / BK90
- Popper Blank / BK20

Disrupter Control Unit

Interface to MRED for power and communications

Interface to robot for power and communications

Water Pump Out

Water Pump In
Fluid reservoir



Multi-Shot Robotic EOD DISRUPTER

YOU MAY NEVER NEED A BOMB SUIT AGAIN

MRED delivers the power and versatility of eight 12-gauge disrupters in one light-weight remotely controlled tool, perfect for medium and large robots.

MRED Capabilities:

- Up to 8 cartridges can be stored in magazine
- Select any shot, in any order, while robot is down-range
- Robot remains down-range between shots
- Water injects and is sealed in the barrel remotely
- Reduces mission time and preserves robot battery life
- Reduces recoil stress on robot platforms, reducing potential for robot damage
- Temperature tested from -25F to +135F

MRED Features:

- Uses standard EOD 12-gauge cartridges
- Up to eight shots, seven water shots, or any combination
- Unique on-target water filling mechanism
- Full remote control of shot loading, reloading, and water injection
- Unique technology allows robotic cartridge extraction
- Laser aiming allows precision disruption
- No counter-shot mass or recoil debris
- Extended-life, low maintenance firing pin
- Unique striker mechanism minimizes pierced primers, blow-back, and misfires



MRED