



EAD-20 Recoilless De-Armer Disruptor



EAD-20S is a recoilless Disruptor designed for disrupting the IEDs with a high probability of avoiding detonation. It answers for requirement of a medium powered and accurate disruptor. The disruptor can be employed with a multitude of support arrangements like its stand or on a EOD robot mount. The disruptor design pays special attention to simplicity safety and speed. Recoilless operation is achieved by ejecting water load rearward at the same time as the forward load.



EAD-20S breacher has a safety pin to keep the terminals short and cartridge gets connected just when it has been deployed. This enables minimum time at IED ensuring speedy yet safe deployment. The disrupter can be provided with standard 0.5 inch or 20mm cartridge.

Item	Specifications	Item	Specifications
Length assembled	525 mm	Width (with Recoil Body)	150 mm
Filled Water qty	210 cc	Bore diameter	20 mm
Danger area forward	140 m	Danger area rear	30 m
Minimum height with stand	0.5 meters	Weight with stand	8.5 kg
Cartridge type	0.5 inch / 20 mm	Weight	4.9 kg
Maximum attack height	1.3 mtr (stand height 1.1 mtr)	Recoil system	98% recoilless
Movement on stand (azimuth)	360°	Movement on stand (elevation)	180°
Standard accessories	Packing & carrying box, Tripod stand, Removable Cleaning Brush, Push rod, Spanner Tube, Dual pin wrench, Water bottle, Allen key, Recoil sleeve head, Recoil sleeve.		
Optional Accessories	Tough polypropylene case, Laser aiming head, Laser camera, Robot Mount, Accessories to make De-armour- Thread protector, Steel Slug (A)/Steel chisel, Steel Slug (B)/ Steel blunt, Steel Slug (C) or Cutting Fork, Loading sleeve, Special slugs can be made on customer's requirement.		
Ignition voltage	Works with commercial exploders/ blasting machines.		
Composition	Specially treated Stainless Steel alloy and Aluminum alloy recoil body.		

EAD-20S is ideally suited for installation on Robots due its superb recoilless feature. If the mounting details of the robot are provided. An installation adapter can be provided.





RF Initiation System

Integration of RF initiation system with the disruptor provides flexibility and speed of IEDD operation. The EOD operator gets relieved to carry the demolition wire to the IED. Our Wireless Initiation system RDS-6722 is provided with mounting & fittings to be installed on Disruptor's standard mount or the system can be installed with International Picatinny rail mount standard.



Quick clip-on

The RF system is offered with single as well as with dual output firing port for single or dual disruptor attack.



SL-6722A – With single firing port



SL-6722B – With Dual firing port



Picatinny rail mounting



Range Finder

With 225 grams of weight, it is a handy tool for decision making at the incident control point as well at the IED. Can be installed on the rails of the disruptor. Can measure upto 700 meters and displays on illuminant OLED screen.

Laser sight

Two laser sights are installed on either sides of the disruptor mount on Picatinny rail for a quick identification of the targeted area of the disruptor.



LED Flashlight with Laser sight

Quick release mounting of a laser sight and flashlight. Flashlight / laser sight can be operated together as well as independently. Black solid ABS body. Operate with 2 x CR123 battery.

Multi-function 3-10x42 Rifle scope

In this all in one solution we have a laser sight, Optical scope and a red dot sight. It can easily be installed and removed from the Picatinny rail. You can add in more accessories on this unit to add in more features.



Day & Night LCD sight

Aiming the target on disruptor mounted riflescope can be aided with a vision kit and LCD. During the night a waterproof 850nm Infrared LED illumination gives good vision for 350 Meters. Camera provides a sharp and clear image both during day also. Easily switch between day (Color) and night mode (IR monochrome).