



MULTI-FUNCTION ELECTRONICS DETECTION SYSTEM (MFEDS)

Gracetech is a Panchkula Based Original Equipment Manufacturer with an In-House Research and Development (R&D) Facility for Electronics, Electrical and Mechanical.

With a Regular Extensive Research on Detection of Various Objects Gracetech has Developed a Multi-Function Electronics Detection System (MFEDS) which is Capable to Detect from a Distance of 40 Feet with a Accurate Pin-Point Detection of following: -

- Pressure Activated (Physical), (Bi-Metal)
- Electronic Signal (Remote Control)
- Electronic Signal (Radio Frequency)
- Electronic Pulse (Detonator Box)
- Photo-Electric Cell ("When Dawn Breaks")
- Motion Detector (Electronic)
- Circuit Connection (Anti-Handling Device)
- Time Switch (Electronic)
- Time Switch (Acid Activated)
- Fuse Wire (Bi-Metal)
- Pressure Cooker with Electronic Switch



- Due to its High Detection Range, MFEDS makes the Operator to Remain Away from the Suspected IED.
- When a Low Range Detector is used for Detection Purpose, the Chance of Casualty becomes High due to Blast. Whereas, in the Case of MFEDS, Due to its High Range, Even the Chance of Disability is not there.
- The Field of Detection of MFEDS is 60 Degree from the Suspected Object.
- The Weight of the Equipment is 1.4Kgs along with Batteries. Its Light-Weight makes the MFEDS User-Friendly and Easy to Carry in any Terrain like Mountains, Desert or Urban Areas.
- The Size of the MFEDS is so Small that it does not Occupy much Space.