



**Product Name :**  
Army Military Desktop Explosives Detector

**Product Code :**  
EQUP-MC20008-0014

**Description :**

Army Military Desktop Explosives Detector

**Technical Specification :**

- CHECKPOINT SCREENING
- CUSTOMS AND BORDER CONTROL
- CRITICAL INFRASTRUCTURE
- MILITARY OPERATIONS
- FORENSICS INVESTIGATIONS
- LAW ENFORCEMENT
- PRIVATE EVENT AND VENUE SECURITY
- CORRECTIONAL FACILITIES

Desktop mass spectrometer designed specifically for explosives and narcotics trace detection. Mass Spectrometry (MS) is a widely trusted technique used for definitive chemical analysis. Its inherent ability to provide selective chemical identification in complex operational environments is unmatched by existing Ion Mobility Spectrometry (IMS) technology. Today's high consequence applications require high confidence results that only mass spectrometry can provide. The mass spectrometer offers ease of adoption across a broad range of existing and emerging trace detection applications. Selectable detection modes allow customers to tailor the system to their operations using explosives only, narcotics only, or explosives/narcotics simultaneous mode. Operators collect trace residue by wiping personal belongings, skin, parcels/cargo, and other surfaces with a sample ticket. The sample ticket is inserted into the sample inlet where analysis is performed via MS in less than 10 seconds. Simple audio and visual alarms via GSS Touch™ alert the operator when a threat is present, expediting on-site decision making. Alarm reports are saved on the internal hard drive and can also be printed via the built-in printer. The was designed to maximize system operational time by incorporating an open loop that does not recycle air inside the system. No cleaners are required, minimizing consumable costs and allowing rapid clear down after a true alarm. Mass Analyzer Ion trap Sample Acquisition Surface wipe Detection Mode Explosives only, Narcotics only, Explosives/Narcotics Simultaneous



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