EMIS-MAIL

LETTER BOMB AND IED DETECTOR
FOR MAIL AND PARCEL INSPECTION

- Automatic inspection of parcels and letters up to 18" in width and 3" thickness
- Detection of detonators, batteries, trigger circuits and other metal components of parcel bombs
- No alarm on metal staples, paper-clips and metal binding spirals
- Ergonomic, compact design
- Operates on the mains power supply and with NiMH rechargeable batteries (optional)
- Integrated battery charger
- No calibration or periodic maintenance required
- Optional embedded detector of radioactive materials

According to EU Reg. 185/2010 on mail security inspection

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Threat Detection through Electromagnetics
**SPECIFICATIONS**

**KEY FEATURES**
- High inspection speed
- No alarm on metal staples, paper-clips and metal binding spirals
- Digital programming with high-resolution OLED graphic display
- Optical and acoustic alarm signaling
- Integrated autodiagnosis system
- Permanent memory storage of operating parameters without back-up batteries
- Independent operation, with mains power supply or batteries (optional)
- Specific Settings available for Prison parcels inspection (Dept. of Justice requirements)
- Compliant with NIJ-0602.02 Dept. of Justice Detection requirements

**STRUCTURE**
- Transit opening: 18" x 3" (450 mm x 75 mm)
- Degree of protection: IP40

**DIMENSIONS**
- WxDxH: 18.1" x 22" x 10" (450 mm x 565 mm x 250 mm)

**WEIGHT**
- 35 lbs (16 kg)

**POWER SUPPLY**
- Voltage: 100-240 V~ single-phase – 50/60 Hz with external AC/DC adapter
- Current: 1.07 A max
- Battery operation (optional):
  - 6 x 1.2V NiMH size D
  - Battery life: 12 hours
  - Battery-charger incorporated: recharging time 6 hours

**PROGRAMMING**
- Type:
  - Local: via integrated keypad
  - Remote: via Bluetooth, RS232
- Data Logger Memory capacity: 10,000 events

**SIGNALING**
- Acoustic: Internal buzzer
- Optical:
  - High-contrast OLED graphic display with bar-graph indication
  - LED indicators on the control panel:
    - RED: Alarm, Autodiagnosis
    - GREEN: OK, Power supply
    - BLUE: Alarm, detection of radioactive substances

**SECURITY/SAFETY**
- Access to programming protected by password
- Insulation from mains voltage

**COMMUNICATION**
- Incorporated Bluetooth (FCC ID: QOQWT12 - IC:5123A-BGTWT12A) interface, RS232

**ENVIRONMENTAL DATA**
- Temperature:
  - Operating: 14°F to 122°F (-10 to +50 °C)
  - Storage: -13°F to 140°F (-25 to +60 °C)
- Relative humidity: 5 to 90 %, without condensation

**CONFORMITY**
- SAFETY:
  - EN61010-1
  - ACGIH, 2014 Threshold Limit Value (TLV)
  - IEEE C95.1-2005
  - EC Rec. 1999/519/EC
  - EN 50364:2010
- EMC:
  - EN61000-6-1
  - EN61000-6-3
- RED:
  - EN300330: Short Range Devices (SRD)

**NATO STOCK NUMBER**
- 6665150105807

**ACCESSORIES / OPTIONS**

**GAMMA RADIATION DETECTION**
- A detector of radioactive sources can be included on demand. The gamma alarm indication includes the activity level (low/medium/high) and the CPS value (counts per second). Analysis time: 5 seconds.

**EMIS-MAIL CASE**
- Code 67226

**EMIS-MAIL MOBILE STATION**
- Code 76332
  - Robust Stainless-Steel Cart, specially designed for optimal use of EMIS-MAIL.
  - Includes up to three Plastic Boxes for mail collection.
  - Wheels and locking brakes allow comfortable mobile deployment.
  - 1 Plastic box for mail and parcels collection
  - 2 Service/replacement box (3 Pcs.)
  - 3 Seat reference test samples PASS / NO PASS
  - 4 AISI 304 frame
  - 5 Frame protection
  - 6 Pivoting wheels + brake (4)