MINI Z

HANDHELD Z BACKSCATTER SCREENING SYSTEM

KEY FEATURES AND BENEFITS

- Portable Z Backscatter imaging system
- Easy to use
- Safe for operators, bystanders and the environment

LEFT: MINI Z system scanning passenger door
RIGHT: X-ray image of concealed currency

The MINI Z® system is the world's most powerful Z Backscatter® imaging system, highlighting organic threats and contraband and providing unsurpassed operational flexibility.

With its small form factor and single-sided imaging, the MINI Z system can scan a wide variety of targets, such as car doors and fenders; tires; furniture; packages; and the interiors of boats, vehicles and aircraft. The MINI Z system is completely self-contained, with no required set-up and no consumables to replenish. Simply power on the device and you're ready to scan. The MINI Z system is inherently low dose and features reliable and redundant safety subsystems.

SPECIFICATIONS
MINI Z

SYSTEM SPECIFICATIONS

- **X-ray Source:** 10-watt 120 keV X-ray tube
- **Interconnection Options:** Wireless connection through built-in Wi-Fi; optional hard-wire via Ethernet cable

Scanner Dimensions

- **Length:** 29.2 cm (11.5 in)
- **Width:** 24.9 cm (9.8 in)
- **Height:** 19.3 cm (7.6 in)
- **Weight:** 5 kg (11 lbs)

Operating Time

- **Scanner Battery:** Four hours (typical) per battery; two batteries provided
- **Scan Speed:** Nominal 15 cm (6 in) per second
- **Tablet Battery:** Six hours, typical
- **System Software:** Microsoft® Windows® 10 IoT with ASEInspection™ software

Transport Case Dimensions

- **Length:** 63.5 cm (25 in)
- **Width:** 49.5 cm (19.5 in)
- **Height:** 38.1 cm (15.0 in)
- **Full System Weight:** 22.6 kg (49.8 lbs)

ENVIRONMENT

- **Operating Temperature:** -20 °C to 45 °C (-4 °F to 113 °F)
- **Storage Temperature:** -40 °C to 60 °C (-40 °F to 140 °F)
- **Operable in:** Rain, snow, high winds, and altitudes up to 3,000 m (9,845 ft) nominally; IP 54 rated
- **In Compliance With:** CE directive 2004/108/EC

HEALTH AND SAFETY

- Complies fully with all applicable U.S. federal health and safety regulations:
  - ANSI/HPS N43.3–2008 Open System Classification
  - Conforms to applicable ANSI, ICRP, NCRP, and Euratom radiation safety standards for annual allowable dose for the general public
  - To help prevent inadvertent X-ray emission, the system is equipped with a series of interlocks and audiovisual indicators
  - Contains no live radiation source

SYSTEM COMPONENTS

- MINI Z scanner
- Microsoft Windows 10 IoT tablet with ASEInspection software
- Rugged tablet case with integrated wrist strap/stand
- Tablet mount to affix to MINI Z system
- Two replaceable batteries
- Battery charger (with international power cords)
- Transport case
- Calibration dock
- Quick-start guide
- Shoulder strap

SYSTEM OPTIONS

- **Tactical Backpack:** For greater portability
- **Enhanced Detection Panel:** Provides operators with the ability to acquire transmission images
- **Language Kits:** Arabic, Chinese, English (standard), French, Polish, Portuguese, Russian, Spanish

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