

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:** 0° C to 45° C (32° 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
- **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
- 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
- **Tablet Mount Kit:** Includes a mount for the tablet and a shorter connector cable
- **Language Kits:** Arabic, Chinese, English (standard), French, Polish, Portuguese, Russian, Spanish

The performance characteristics and photos in this document are indicative and for information only; the specific characteristics of individual systems may differ based upon customer requirements, operation, and supplied options. In addition, due to continual development of Rapiscan and AS&E products, we reserve the right to amend specifications without notice. Please note that due to U.S. laws and regulations, not all products are available for sale in all countries without restriction. Please contact your Rapiscan | AS&E Cargo Scanning & Solutions sales representative for more information or to discuss additional requirements.

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