

PXT

The most *advanced*
generation of true
portable inspection
technology

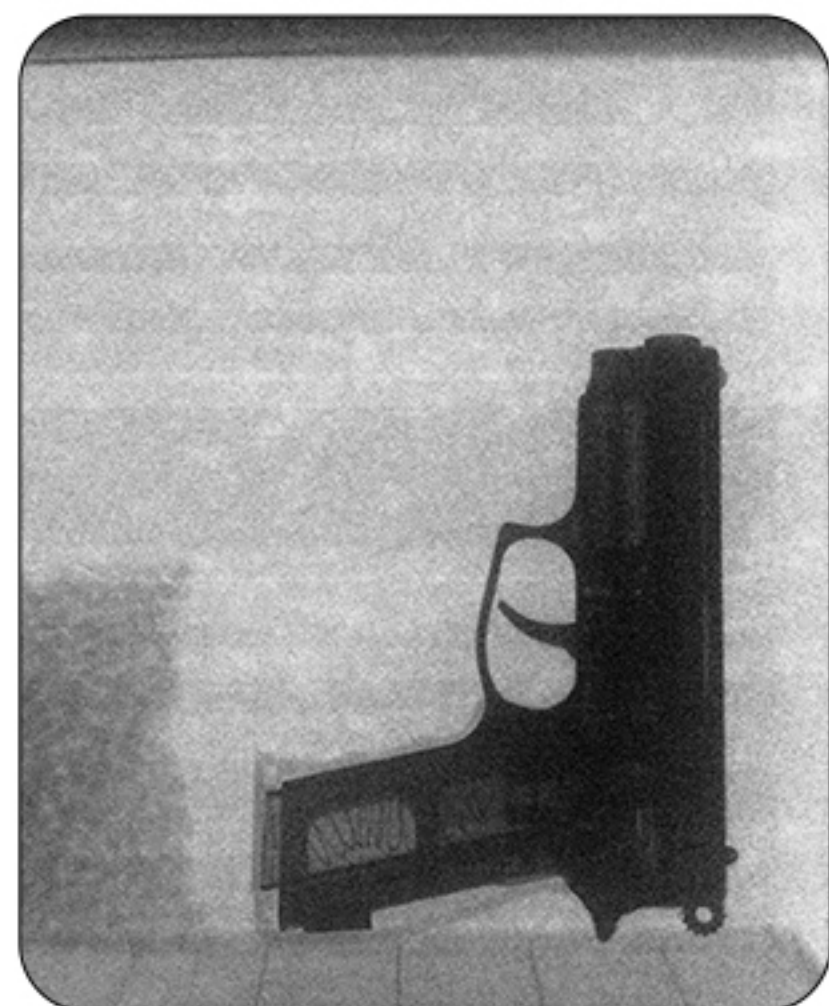
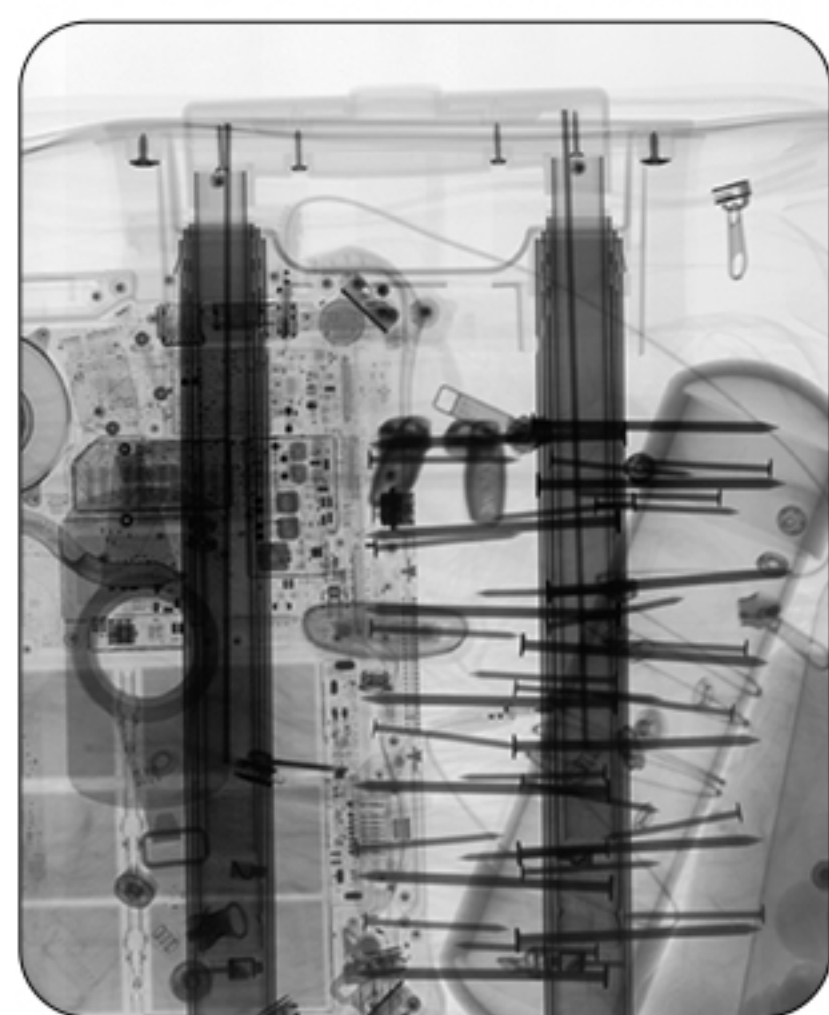


The most **POWERFUL** HANDHELD TRANSMISSION

X-RAY IMAGER



PXT TRANSMISSION



Maximum handheld performance

See through more than 40mm of steel in handheld mode and more than 50 mm of steel on remote operation to find smaller anomalies in combination with MPT+, the PXT is the most powerful handheld transmission x-ray solution with embedded touchscreen. With the power of traditional box scanners all in an ultra portable and handheld point and shoot scanner.

Intuitive and powerful software

Modern and intuitive software interface that makes it easy to filter and enhance images to get the most out of each image. All right at your fingertips on the device with it's 7" ultra-bright (sunlight readable) touchscreen.

Unparalleled safety

Our patent pending revolutionary shielding protects operators from leakage and scatter radiation and exceeds all industry safety standards without compromising on image quality or device size and weight.

Deploy anywhere in seconds

Reduce inspection time without the need to bring objects to box scanners, or fixture traditional unshielded portable x-ray generators.



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SPECIFICATIONS

PXT



OPERATING CONDITIONS

- **Ingress Protection:** IP54
- **Operating Temperature:** -4F (-20C) to 140F (60C)
- **Operating humidity:** 0% to 95%
- **Storage Temperature:** -40F (-40C) to 158F (70C)

STANDARD ACCESSORIES

- Two (2) rechargeable batteries
- 1-Bay rapid charger
- Quick connect adjustable wrist & shoulder straps
- USB-C Data transfer cable
- Ethernet Adapter
- Lockable transport case (IP67, MIL-SPEC, Airline carry-on)
- Quick start guide & operators manual

**Additional accessories available for purchase

TECHNICAL OVERVIEW

- **Exposure time range:**
Handheld Mode: up to 1.0 sec / Remote Mode: up to 10.0 sec
- **Focal spot:** less than 0.75mm
- **X-ray beam:** 30deg FOV cone
- **Maximum duty cycle:** 180 exposures/hour MAX
- **Tube Voltage:** 90-140kv
- **Tube Current:** 10-71u
- **Tube Power:** 10W
- Flexible image export options
- Field of view alignment line lasers and camera live view

COMPLIANCE

- CE, FCC, and RoHS compliant
- UL Compliant
- HPS Compliant
- Compliant with all applicable U.S. Federal health and safety standards.
- ANSI, ICRP, NCRP and Euratom radiation safety standards for annual dose for general public

SCANNER DIMENSIONS & WEIGHT

- **Length:** 19.2 cm (7.6 in)
- **Width:** 44.5 cm (17.5 in)
- **Height:** 26.9 cm (10.6 in)
- **Weight:** 5.2 kg (11.5 lbs)

SYSTEM

- Android 14 Operating System
- USB-C, USB 3.0, Wi-Fi, Ethernet, GPS, and Bluetooth Connectivity
- Multi-Language User Interface
- 5G Onboard Modem or 4G/5G Hotspot Compatibility
- *Requires external cellular plan
- Storage: 1TB, configurable up to 2TB

BATTERIES

- 4-6 hours battery life | 1 battery bay
- 2 batteries included w/ every PX Unit
- 110/220V AC 1-Bay Rapid Charger

SUPPORT

- Complementary Over-the-Air (OTA) Software Updates
- Complementary Email/Phone Support
- Virtual and On-site Training available
- Standard 1-year warranty included

TRANSMISSIONS PANEL OPTIONS

- MTP+ 14x17 in
 - MTP+ 10x13 in
- **See MTP+ Datasheet for more details

IMAGING & INSPECTION ADVANTAGES

- Handheld
- Wireless & Wired Image transfer
- Integrated Active 7" 1200x1920 FHD 3000 nits, Color Touchscreen
- Quick action buttons on handles
- Save 200,000 – 400,000 images based on storage configuration
- Flexible image export options
- Field of view alignment line lasers and camera live view

TRANSPORT CASE OPTIONS

- Lockable hard case with wheels (IP67, MIL-SPEC)

SAFETY

- Revolutionary & patented built-in shielding
- Visual indicator lights and interlocks to prevent inadvertent X-ray emission
- Password required for operation
- Configurable Single/Dual Trigger Modes
- Front facing flashlights
- Contains no live radiation source



Advanced electronics platform that boosts X-ray system **precision**, **storage**, and **speed**, delivering faster, higher-quality insights than ever before.



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