Heuresis HBI-120 Backscatter X-Ray Imager

World’s smallest and lightest X-Ray Imaging Instrument

- Safe, rugged, ergonomic and easy to operate
- High-resolution color touchscreen LCD
- Runs Android™ mobile OS
- Standard Wi-Fi and Bluetooth™
- Built-in camera and flashlight
- Images threats through up to 2 mm thick steel — more than twice the thickness of typical motor vehicle body panels

Heuresis HBI-120 handheld backscatter x-ray imager

- Handheld x-ray instruments for environmental, industrial and security applications — tools designed to help to make the world cleaner, safer and more secure.
- Products achieve new benchmarks in performance, reliability, affordability and ease of use.
Handheld backscatter x-ray images of hidden simulated PETN-based improvised explosive devices (IED’s)

Handheld x-ray images of PETN-based IED and simulant cocaine behind a steel a car door:
Left image taken with a competitor’s 70 keV system; Right image taken with the HBI-120

Heuresis’ 120 keV x-ray generator and advanced optics produce superior x-ray images

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**Weight:** 3.0 kg. (6.6 lbs.) including battery pack

**Size:** 24 cm (9.4”)x 22 cm (8.7”) x 17 cm (6.7”).

**Scan Speed:** 15 cm (6”) per second for optimal image quality

**Batteries:** Rechargeable Li-ion battery packs, 4 hour battery pack life with typical duty cycle

**Display:** Transfective 720 x 1,280 pixel color touchscreen LCD

**X-Ray Generator:** 120 keV, 5 W x-ray generator with Heuresis x-ray optics

**Data Storage:** > 10,000 image scans

**Data Management:** Heuresis Data Management Software (HDMS)

**Standard Accessories:** Lockable waterproof case with wheels

Multi-position adjustable safety strap

110/220 V AC battery charger and spare battery pack

Quick Start Guide; User Guide; electronic training material

**Operating Conditions:** −25 °C (−13 °C) to 60 °C (140 °F).

Splash and dust proof