



Digital Radiography For Customs and Border Control

- **100% Portable Digital Radiography Systems**
- **Organic Detection Using Dual Energy**
- **Highest Speed, Top-Quality Image Acquisition**
- **Over 5 Hours of Battery Operation on One Charge**
- **Lightweight, Thin, Robust Digital Flat Panel**
- **Non-Destructive Inspection**

Portable Digital Radiography Enhances Detection of Contraband, Explosives and Drugs

Digital X-ray is an effective tool used for the detection of smuggled explosives, drugs and contraband for Customs and Border Control purposes. X-ray inspections are regularly conducted on cargo at land borders, seaports and airports.

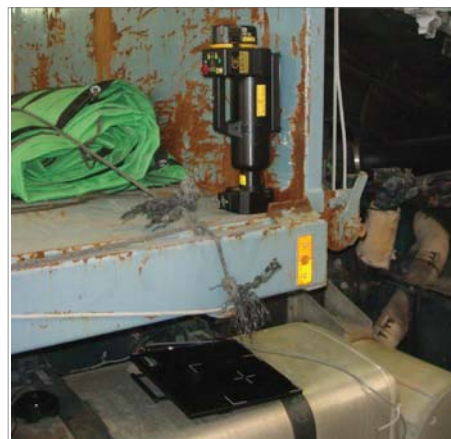
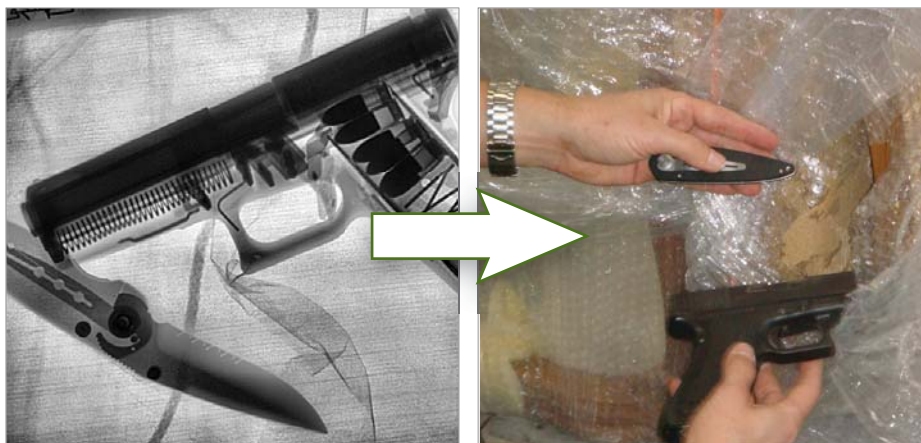
Large, static X-ray machines are expensive and suitable for stationary work. Portable X-ray systems serve as a complementary solution for inspections conducted at small border points or controlling ambushes staged at various points along long borders or roads. Vidisco's portable digital X-ray systems feature quick setup in any location/climate and are 100% battery operated. The company's super thin a-Si flat panels are up to 100 times more sensitive than film, offering the best penetration levels in the market. High quality images are available within seconds, allowing informed decision making on the spot.

Vehicle and container/packing inspections are non-intrusive: There is no need to dismantle the object (which increases the risk of legal litigation, and is both time consuming and costly) - Portable Digital Radiography makes it possible to "see inside" the item quickly, while leaving it intact.

Digital Radiography Out There! Fighting Contraband

Taking the Battle against Smugglers to the Next Level

Vidisco's array of digital X-ray inspection systems offer you a comprehensive solution for your X-ray needs: The combined qualities of true portability, high speed image acquisition, rapid deployment and instantaneous availability of high quality images enable you to conduct accurate customs inspections anywhere, anytime and with minimal disturbance to the routine flow of goods.

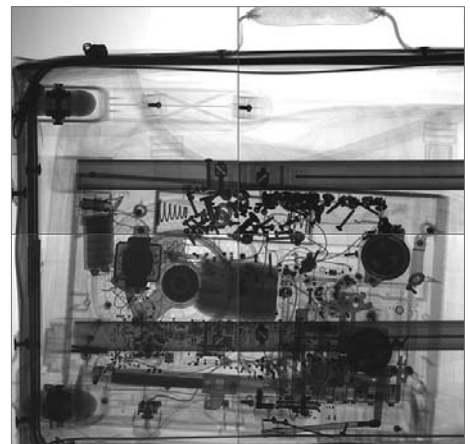




Slider 2 X 2 - Seamless, Large Area Image at the Press of a Button

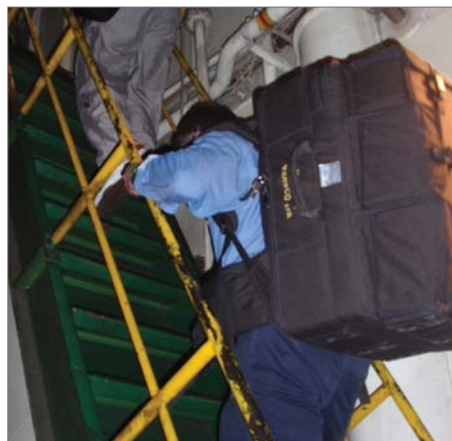
The Slider 2 X 2 auto-shifts the Imager from afar and blends four acquired images into a seamless, large area image. With a 44 X 44cm* imaging area, it is the ideal tool for the inspection of large items such as packages, suitcases and small cargo.

* Available also in larger imaging area configurations



Tactical Real Time Inspection Equipment, Where You Need It!

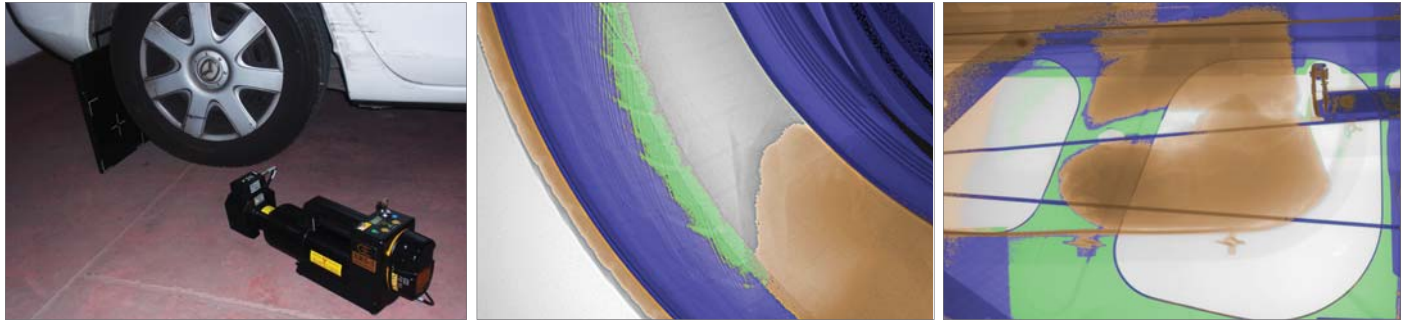
The following testimony says it all: A senior seaport customs inspector notes “In our daily inspections, often dogs or drug sniffers alert us to drug traces in a welded tank or boiler. This is considered a dead end. We cannot tell if the traces are old or new. An intrusive inspection risks delaying the ship’s sailing and paying damages. Only a tactical high quality, non-destructive portable X-ray system can enable us to complete the inspection!”



Digital X-ray For Customs and Border Control

Dual Energy: Organic/ Inorganic Detection

Vidisco's **XR-De Plus** module enables the detection of narcotics, contraband, explosives and other organic materials on site. This Dual Energy detection can be performed on a vehicle, package or any other item under inspection. Within seconds, the operator can view the organic/inorganic substances in different colors on display.



Vidisco Portable X-ray Systems Capabilities:

- Penetration - 2mm of Lead seen behind 80mm* of steel
- 16* bit Dynamic Range (65,536 Grey Levels)
- High resolution (~ 3.5lp/mm)
- Image acquisition within seconds
- Safest portable X-ray sources with low X-ray dose (Golden Engineering)
- Affordable solution – Fast imaging at a fraction of the stationary X-ray cost
- Mobile X-ray inspection from various angles
- Super thin a-Si panels that fit into tight places
- 100% battery operated (or AC)
- The all-inclusive single backpack solution can be carried to any location
- System is powered and charged on same lightweight 50m cable used for data transmission
- Special extreme temperature configuration (-20°C to + 40°C, -4°F to + 104°F)

*The technical specifications of the FlashX system appear above, but any one of Vidisco's systems can be used for this application.

Xbit

The **Xbit** user-friendly proprietary software includes outstanding enhancement tools enabling the best quality of analysis, documentation, data sharing and results.

- **800% Zoom** - 800% zoom exposes extra fine details with no digitizing effect.
- **Simple to Operate Enhancement Features** - Single click image enhancement features such as Automatic Window Leveling and Sharpening enable super sharp images in seconds.
- **Automatic Stitching** - The Automatic Stitching Tool enables the blending of several small images into one large image.

