

Digital Radiography

In the Service of CSI and Forensics Lab Investigation

- **100% Portable Digital Radiography Systems**
- **On Site Wireless Operation, Avoid Evidence Contamination**
- **Immediate, Top-Quality, High Resolution Images**
- **Precise Digital Evidence Stored Immediately in Database**
- **Increased Safety, Reduced Closure Zone**

Uncontaminated On-Site Crime Investigation – Your Lab in the Field

The CSI team is responsible for detection and fast analysis of initial evidence on site as well as comprehensive laboratory analysis and technical support along all stages of the crime investigation process, leading to the prosecution of criminals in a court of law. Vidisco's Digital Radiography systems are ideal for forensic investigation and fast collection of uncontaminated evidence. These truly portable X-ray systems can be carried to the crime scene for the inspection of such objects as wrapped victims, closed suitcases, electrical appliances (looking for malfunction or traces of foul play), fireworks, etc. with minimal movement (or no movement in most cases).

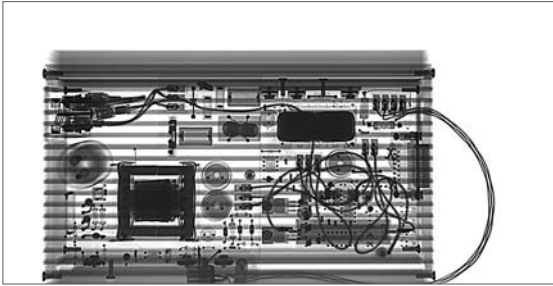
The Vidisco systems are easy to set up and can be operational within minutes. Use of the wireless, battery-powered mode enables the elimination of cables on the scene, thereby further reducing the danger of contamination. 100% battery operation ensures seamless operation for prolonged X-ray shooting anywhere in the field and enables operation at a safe distance from the inspected object. Only a small closure area is required.

Vidisco's portable X-ray systems are suited to work for both laboratory investigation and on scene detection, always providing superior quality images on the spot. Analysis can be started on hand, utilizing the advanced Xbit software. Comprehensive documentation in Vidisco's proprietary software database can be conducted on the scene, facilitating the collection and exact recording of evidence, which is later valid in court.

Digital Radiography

In the Service of CSI and Forensics Lab Investigation

Vidisco's **XR-De Plus** module can assist in the detection of explosives and other organic materials on site. Dual Energy detection can be performed in any location, on any suspect item under inspection. Within seconds, the operator can view the organic/inorganic substances in different colors on display.



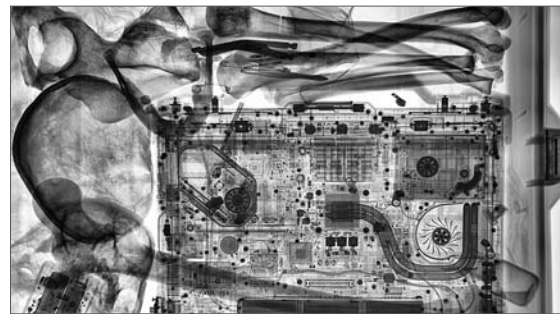
Electrical appliance – manufacturer's inspection



Organic detection of gasoline traces at crime scene



Bag X-rayed with **FlashX** portable X-ray system



Final stitched X-ray image of suitcase with body parts

Reconstruction – courtesy of the Mobile Forensic Team of the Netherlands Forensic Institute

Xbit

The Vidisco Xbit proprietary software offers the forensics operator sophisticated enhancement tools in a user-friendly interface and comprehensive data base. These tools enable the best quality of analysis, documentation, data sharing and results. The high quality images, which are generated by the sensitive flat panels (sensitive enough to detect blood stains), are available on screen within seconds and can be analyzed at once with advanced tools to gather crucial evidence on the spot! Multi language GUI is available.

- **800% Zoom** - 800% zoom exposes extra fine details. Despite the enlargement, details remain smooth, with no digitizing effect.
- **Simple to Operate Enhancement Features**- Easy-to-use, single click image enhancement software features such as the Overlay function, which places one image on the other in order to see materials of different density on the screen, or Histogram Equalization enabling different materials to be clearly seen in one image.
- **Automatic Stitching** - The automatic Stitching Tool enables the blending of several small images into one large image (for example bodies, coffins).
- **Comprehensive Database** - X-ray image records include working conditions info, as well as corresponding scene pictures, time and dates. Easy search/query and image sharing enable comprehensive evidence collection and evidence.