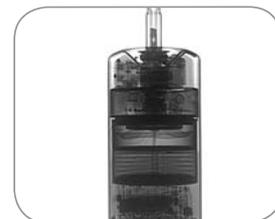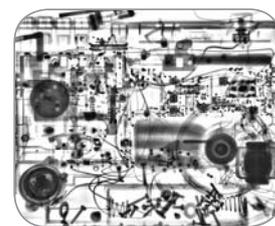# BlazeX

Lightweight, Thin Robust Digital Imager

- Immediate High Resolution Imaging
- 2mm of lead revealed behind60mm of Steel
- Fully Battery Operated, DC/AC Self Charging
- Easy Setup Anywhere, Built-in Wireless
- Fast and Safe Operation

BlazeX

Vidisco's **BlazeX** is a large-area, digital flat panel. Designed for field use, it can easily be carried to any location. The system is carried in a single case (or backpack), which also serves as its operational platform. Fully battery operated for long periods of time, the **BlazeX** system self-charges during operation when connected to any external power source such as 110/220 AC, or even a DC/AC vehicle inverter. Optional wireless solutions offer additional operational flexibility.

Set up is easy with only one cable pushing DC power and data down the line. User-friendly proprietary **Xbit** software offers quick image grabbing with enhancement tools for immediate analysis, documentation and data sharing.

VIDISCO
Leading X-ray Technologies

- **Maximum Safety:** Single downrange approach (or none with a robot). Images produced starting from just 1 pulse. Remote operation and minimum dose at safe distance ensure minimum risk to operator.
- **No Scanning, No Scratched Plates:** Clear images without scratches or artificial defects.
- **Compact Imager:** For easy mobility and optimal flexibility even in the tightest spots. Fast set up ensures shorter time to image.
- **Extraordinary Penetration: 2mm of lead revealed behind** 60mm of steel, achieved with XRS-3 (270kV) at a distance of 25cm to digital flat panel.
- **Large Imaging Area:** 260 X 320mm (~10.2 X 12.6 inch).
- **Excellent Resolution:** 3.97 lp/mm (127 µm pixel pitch).
- **Dynamic Range:** Outstanding images - 14 bit (16,384 Grey levels) – for greater clarity down to the smallest detail.
- **Instant Images:** No time lost on developing or scanning. Images available instantly on the laptop screen, enabling immediate analysis and rapid decision making.
- **Wireless Solutions:** Built-in wireless 300m. High-powered wireless up to 1500m (line of sight), wireless X-ray also available.
- **Plug & Play:** All Vidisco DR systems and accessories share full compatibility. Interchangeable with **FlashX**, **RayzorX** and **FoXrayIIe** imagers.

Tripod Mount

Technical Specifications*

Imaging Area:	260 X 320mm (~10.2 X 12.6 inch)
Imager Size:	403.5 X 422 X 22mm (h,w,d) - Thin, Large Area Digital Imager 15.9 X 16.6 X 0.86 inch
Imager Weight:	4 Kg (~ 8.8 lbs)
Image Sensor Type:	Amorphous Silicon (a-Si) Digital Detector Array (DDA) Flat Panel Imager
Dynamic Range:	14 bit (16,384 Grey levels)
Resolution:	3.97 lp/mm (127 µm pixel pitch)
Power Supply:	Over 5 hours of battery operation on one charge / unlimited operation on AC 110/220V Self-charging during AC operation, for example from a DC/AC vehicle inverter
Optional Accessories Available:	**XR-DE** *Plus:* Proven Dual Energy Module for organic/inorganic detection - compatible with XRS-3/XR-200/XR-150 **WiFi X:** Digital Wireless System - connects laptop to ICU/imager (300m line of sight) **Long Range Wireless Options**: Up to 1500m (~ 1 mile!) - line of sight when using high power modules **WXR:** Wireless X-ray for Golden Sources – eliminates cable connection to X-ray **Extension Cable:** Allows for operation of up to 200m distance **DC/AC Car Inverter:** For unlimited power supply from a vehicle - DC power down the line for added safety **Tripod Mount:** Compatible with any standard tripod ** **Filter Cover:** Enables convenient insertion of filters during operation **External Camera:** For external color images & video
Configurations:	**Rugged Case:** For trekking to rugged terrain; case doubles as work platform Case Dimensions: 80.2 X 52 X 31.6cm. l,w,d (31.5 X 20.4 X 12.4 inch) **Backpack:** Ideal for X-ray system operators working in the field. Includes a ruggedized laptop with a sun-readable touch screen Backpack Dimensions: 64 X 47 X 35cm. l,w,d (25.1 X 18.5 X 13.7 inch) without straps **-20 Degrees Celsius Configuration:** For rough terrain and inclement weather conditions; the system can operate between -20°C to +40°C degrees (-4°F to +104°F) **Chaser:** Panel in smaller case (all Vidisco imagers are interchangeable)
Software:	Easy- to-use, fast and safe proprietary **Xbit** software for security applications

* System configuration is subject to market changes and manufacturer specifications
** Tripod not provided