

BlazeXPro

Portable, Lightweight and Robust Large Area Imager

VIDISCO
Leading X-ray Technologies

Fully Battery Operated, DC/AC Self Charging
Easy Setup in Laboratory or Field
Professional Software Included
Fast and Safe Operation



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Vidisco's **BlazeXPro** DR system is based on a large-area a-Si DDA imager and is especially designed for NDT uses both in the field or a laboratory. Lightweight and compact, the entire system can easily be carried in a single case or backpack to your destination.

The **BlazeXPro** system is fully synchronized with portable Pulsed as well as Constant Potential X-ray sources. The X-ray source is controlled by the system, facilitating operation, reducing doses, and enhancing operator safety. Fully battery operated for long periods of time, the **BlazeXPro** system self-charges during operation when connected to an external power source such as 110/220 AC or even a DC/AC vehicle inverter.

The unbeatable combination of the thin, battery-operated **BlazeXPro** rugged DDA imager together with integrated wireless operating options (300m and up to 1500m line of sight) enables you to instantly obtain top-quality DR imaging even in the tightest spots.

- **Excellent Resolution:** 3.97 lp/mm (127 µm pixel pitch).
- **Dynamic Range:** 14 bit digital radiography imaging, enabling the delineation of hairline cracks.
- **Large Imaging Area:** 260 X 320 mm (approx. 10.2 inch X 12.6 inch).
- **Easy Set Up:** Requires just one cable pushing DC power and data down the line.
- **Supports Current Industry Standards:** e.g. BSS 7044/7075, ASTM E2422, ASME (section V) [now supports the use of Digital Radiography].
- **Ideal for NDT Field Work:** Thin and robust panel fits into tight places.
- **Safest NDT Inspection System:** Low dose per image, shortened exposure times, and lower energy levels, thereby reducing safety zones.
- **Proprietary XbitPro Software:** All-in-one, user-friendly software serves as a powerful tool; grabbing, analyzing and storing images on the spot.
- **Compatible with Various Sources:** Golden Engineering portable Pulsed, Constant Potential & High Frequency X-ray sources (e.g. Yxlon, Balteau, GE, Seifert).
- **Full Isotope Support** (e.g. Ir-192, Se-75).
- **Combined Case and Work Platform:** Portable case contains the entire system and doubles as a work platform.
- **Interchangeable with Vidisco Flat DDA Imagers:** Easy to switch to **FlashXPro** or **RayzorXPro** imagers.



Imager with Filter Cover



Tripod Mount

Technical Specifications*

Imaging Area:	260 X 320 mm (~10.2 X 12.6 inch)
Imager Size:	403.5 X 422 X 22 mm (h,w,d) - Thin Large Area DDA 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)
Effective Pixel Matrix:	2520 X 2040
Power Supply:	Over 6 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:	WiFi X: Digital Wireless System - connecting 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 – eliminates cable connection to X-ray (Golden) Extension Cables: Allows for operation up to 200 m 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 ** External Camera: For external color images & video XR-DE Plus: Dual Energy Module for Organic/Inorganic Detection - compatible with Golden XRS-3/XR-200/XR-150 (only proven module, multi material recognition)
Configurations:	Rugged Case: For trekking to hard to reach areas; case doubles as work platform Case Dimensions: 80.2 X 52 X 31.6 cm. l,w,d (31.5 X 20.4 X 12.4 inch) Backpack: Ideal for X-ray system operators working outdoors. Includes a ruggedized laptop with a sun-readable touch screen Backpack Dimensions: 64 X 47 X 35 cm. l,w,d (25.1 X 18.5 X 13.7 inch) without straps Dual Use: A combination of a portable system and a laboratory set up. Same imager can be used in the lab and in the field Laboratory Configuration: Stationary lab configuration for immediate high end results. High resolution screen optional -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, advanced proprietary XbitPro software for NDT applications

*System configurations are subject to market changes and manufacturer specifications

** note: Tripod not provided