

RayzorXPro

Portable, High Energy, Immediate DR Imaging



100 Portable: Thinnest Digital Imager in the World

Best Image Quality, Highest Detection Level

Fully Battery Operated, Built-in Wireless

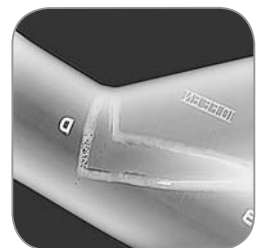
Immediate Images at a Click of a Button



RayzorXPro

Vidisco's portable **RayzorXPro** enables quick set up under any conditions, at any location – whether it is on site, outdoors or in the laboratory. With the super thin **RayzorXPro** DDA (Digital Detector Array) and integrated wireless options, you can conduct X-ray inspections anywhere, without cables. Highest quality, razor sharp images are created with a click of a button enabling you to conduct immediate analysis on your laptop on site.

The **RayzorXPro** DDA produces the best image quality in the market. Excellent SNR (Signal to Noise Ratio) and CNR (Contrast to Noise Ratio) allow for the highest detection level. The unique combination of fast image generation, proprietary software, enhancement and analysis tools, as well as efficient operation, dramatically speeds the inspection process, increasing profitability. Digital Radiography (DR) is the most advanced X-ray technology available. Vidisco continues to be the innovation leader in X-ray inspection.



RayzorXPro

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RayzorXPro

Smart ICU

- Rock solid & reliable
- Powerful CPU: Fastest data transmission
- Built-in super fast wireless data transfer (proprietary sequence)
- Built-in wireless X-ray
- Charging during AC operation
- Digital display
- All weather design
- Tripod mountable



- **Modular Design:** Easy set up, dual use, in the lab or field. Compatible with portable Pulsed, Constant Potential & High Frequency X-ray sources, as well as Isotopes. Full synchronization with various X-ray sources.
- **Top Image Quality:** 14 bit dynamic range (16,384 Grey levels) and 3.5 lp/mm resolution.
- **Minimal Electronic Noise:** Excellent Signal to Noise Ratio (SNR) and minimal internal scattering.
- **Image on Screen within Seconds!** No repositioning, results shown immediately. No developing! No scanning! No chemicals!
- **Best ROI in the Market!** Efficient operation increases profitability and operator safety. Exposure times dramatically shortened, plant disruption minimized! Images available immediately for on-site analysis, and stored in database for future review & monitoring.
- **Wireless Solutions:** Built-in fast wireless 300m. High powered wireless up to 1500m (line of sight).
- **Wireless X-ray:** Operation of Pulsed X-ray sources and selected CP sources.
- **Professional Software:** Easy to repeat testing procedures, 800% zoom and other proprietary algorithms. User friendly operation.
- **Automatic, Precise Wall Thickness & Defect Measurement Tools.**
- **Complies with Current Industry Standards, including ASME E2597-07**
- **100% Battery Operation:** Over 5 hours of continuous work on site. Charging while working on external (AC) power, display of battery status.
- **Plug & Play:** A system also easily operates the **FlashXPro** and **BlazeXPro** large area imagers as well as **BoltXPro** and previous generation flat panels.

Technical Specifications*

Imaging Area:	222 X 222 mm (~9 X 9 inch) 5mm from bottom and 7 mm from detector side
Imager Size:	360 X 330 X 13 mm (h,w,d) Thinnest DDA in the World! 14.2 X 13 X 0.5 inch
Imager Weight:	3.5 Kg (~7.7 lbs)
Imager Sensor Type:	Amorphous Silicon (a-Si) Digital Detector Array (DDA) Flat Panel Imager
Dynamic Range:	14 bit (16,384 Grey levels)
Resolution:	3.5 lp/mm
Power Supply:	Over 5 hours of battery operation/ AC 110/220V for unlimited period of time Charging during AC operation, full charge in just 6 hours
Optional Accessories Available:	WiFi X: Digital Wireless System – connecting laptop to ICU/imager 300m (line of sight) Dual WiFi X LR: Long Range Wireless Option – up to 1500m (~ 1 mile!) line of sight WXR: Wireless X-ray – eliminates cable connection to X-ray (Golden) Extension Cable: Up to 200m distance DC/AC Car Inverter: For unlimited power supply from a vehicle – power down the line Tripod Mount: Compatible with standard tripod** Protective Cover: Lightweight, especially designed for field use (default) External Camera: For external color images & video XR-DE Plus: Dual Energy Module for Organic/Inorganic Detection (proven multiple material recognition)
Software:	Advanced proprietary XbitPro software for NDT applications

* System configuration is subject to market changes and manufacturer specifications

** Tripod not provided