



## Digital Radiography for Veterinary Examinations

- **Field Ready**
- **Instant Imaging**
- **Outstanding Image Quality**
- **Battery Operated, Self Charging**
- **100% Portable, Lightweight, Thin Imagers (DDA's)**



Hock DMPLO

### Veterinary Digital Radiography X-ray

Vidisco's flat panel based Digital Radiography (DR) systems provide instant acquisition, review and evaluation of top-quality images, thus enabling a highly accurate diagnosis in record time. The use of Vidisco XbitPro software enables the easy sharing of these superior digital images with other parties. In the event of surgery, instant X-ray applications enable accurate diagnosis and corrective steps on the spot.

The unique combination of features such as ultra-portability (can be carried by a single operator), ruggedness, wireless operation and a battery power source with long operation time (over 5 hours or unlimited with AC) make Vidisco's flat-panel based DR X-ray system the ideal tool for X-ray even in the most challenging conditions in the field.

Whether you are operating in hospital or field conditions, you can easily generate extraordinary images featuring 14 bit dynamic range (16,384 Grey Levels) and 3.97 lp/mm high resolution. The DR system's large imaging area enables easy capture of the relevant area of interest.

With over 24 years of experience in developing and manufacturing advanced portable digital X-ray inspection systems for security and NDT (Non Destructive Testing) applications, Vidisco is renowned as a leader in the field. Vidisco's Security and NDT Digital Radiography systems can be found in 75 countries worldwide. Vidisco Portable X-ray systems are now available for Equine veterinary.

# Digital Radiography for Veterinary Examinations

## Leading Portable X-ray

Vidisco's cutting-edge equipment has earned a global reputation for trustworthiness and dependability: On a daily basis, security operators put their lives in Vidisco's hands when dismantling EODs (ammunition) and IEDs (Improvised Explosive Devices). In the NDT area, leading organizations depend on the reliability and accuracy of NDT inspections conducted regularly on aircraft, ships, the petrochemical industry and more. Vidisco's advanced NDT systems meet the challenge; Ruggedized digital radiography systems are deployed at hundreds of inspection sites, operating seamlessly in every kind of terrain and extreme weather conditions to produce crystal clear, high-resolution images within seconds.

## Outstanding X-ray Performance

- **Exceptional image quality:** 3.97 lp/mm resolution and 14 bit (16,384 Grey Levels) dynamic range
- **Thin, Robust Large Area Digital Imager:** 260 X 320mm (approx. 10.2" X 12.6")
- **Images upon Request:** Available on the laptop screen for immediate analysis. No scanning! No developing! No chemicals!
- **100% portable:** The lightweight system can easily be carried into the field by a single operator
- **Battery Operated:** Over 5 hours of continuous work on batteries and self-charging during AC operation for example from a DC/AC vehicle inverter
- **Combined Case and Work Platform:** Portable case contains the entire system and doubles as a work platform
- **Wireless Solutions:** Fast and reliable (three times faster than standard Ethernet)
- **Plug & Play:** Easily interchangeable with other Vidisco flat panels



Hoof D-P

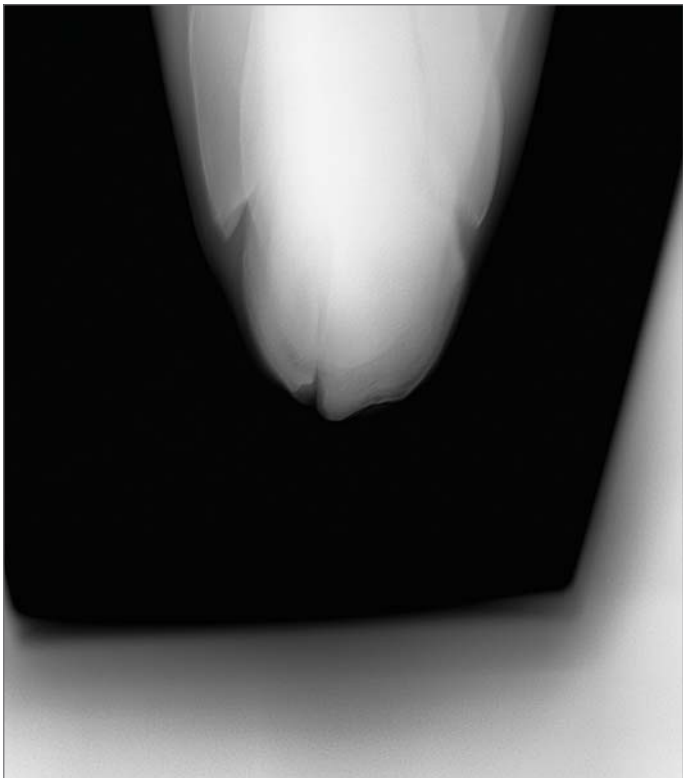




Shoulder L-M



STIFLE D-P



Carpus (Sky) 30o



Cervical L-M

The images above were generated using the BlazeXPro Portable Digital Radiography System and are courtesy of Dr. Alberto Magi

# Digital Radiography for Veterinary Examinations



BlazeXPro

## 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 Imager 15.9 X 16.6 X 0.86 inch
Imager Weight:	4 Kg (~8.8 lbs)
Imager Sensor Type:	Amorphous Silicon (a-Si) Digital Detector Array (DDA) Flat Panel Imager
Dynamic Range:	14 bit (16,384 Grey Levels)
Resolution:	3.97 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
Software	Advanced, user-friendly proprietary XbitPro software
Optional Accessories Available:	WiFi X: Digital Wireless System - connecting laptop to ICU/imager DC/AC Vehicle 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

\* System configuration is subject to market changes and manufacturer specifications

\*\* Tripod not provided