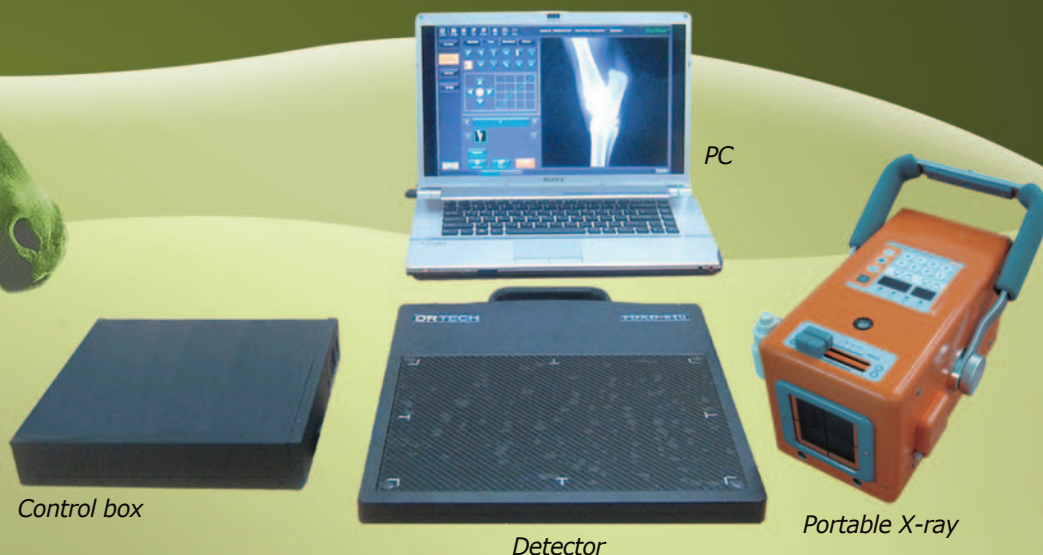




www.ecoray.kr
www.acomaxray.com

EcoView 810 - Portable Digital Radiography System

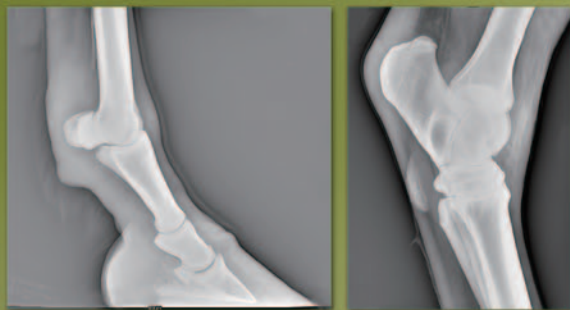


EcoRay has the perfect equine digital radiography solution for your practice

- Developed specially for equine veterinarians
- Packs into one carrying case for quick transportation and set up
- EcoView™ Imaging software takes full advantage of the valuable diagnostic information in your radiograph



- TFT-amorphous selenium (Direct Conversion)
- Detecting Area : 198mm x 264mm (8" x 10")
- Pixel size : 129 μ m x 129 μ m
- Resolution : 1,536 x 2,048 (3.1 mega pixels)
- Image acquisition time : < 4sec after X-ray exposure
- Weight : 3.0kg



EcoView™ Software

- Acquisition Time after image process : 5-7 seconds
- Software Matrix Resolution : 1440 x 900
(or any 16:10 ration display resolution)
- Modality Type : Support CR & DR
- DICOM : Supports DICOM 3.0 Standard, including DICOM Storage SCU, DICOM Worklist SCU, DICOM Print SCU, and MPPS
- Storage Backup : Supports backup to CD/DVD, Flash Disk and URL
- Secondary post-processing : ANALYTICA
- Generator Interface : Synchronizes with generator exposure time
- Exposure factor :
 - Programs default X-ray technique for each study
 - Exposure indicator
 - Patient Size selection
 - Supports gridline suppression and AEC

EcoView 810 - Portable Digital Radiography System



Control Box

- Dimension : 25 x 20 x 5cm
- Weight : 1.8kg
- Cable : 7m standard
- Input power 100/240V AC, 50/60Hz

Laptop

- Intel Pentium Core 2 Duo 2.4Ghz, 2GB RAM Memory
- 15.4" (1680x1050), 320GB, WiFi Wireless LAN

Trolley case

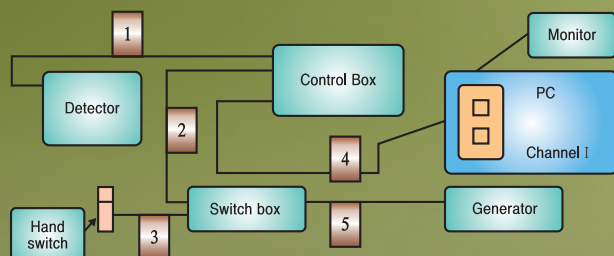
- Trolley case : 632 x 602 x 333mm (10kg)

Generator specification

Model	8016HF	9020HF
Type of generator	Monobloc design (high frequency inverter generator, full bridge discrete IGBT)	
Power requirement (max.)	1.2 kVA	1.35kVA
Adjustable kV (1kV steps)	40-80kV	40-90kV
mAs range	0.32-30mAs (22steps)	0.32-30mAs (21steps)
Max programmed mA output by kV level	10, 15, 16mA	12, 15, 16, 18, 20mA
Focal spot of tube	1.0 x 1.0 mm	1.2 x 1.2 mm
Exposure time	0.02 - 2.5sec	
Total filtration	27 x 27cm @ 66cm SID	
Collimator lamp	Duration of 30sec Higher than 100lx	
APR memory	8 memory standard and extendable to 16 combinations	
SID measurement	Dual laser pointer & tape measuring	
Line voltage (required)	110 - 130V 50/60Hz single phase 20A or 200 -260 V 50/60Hz single phase 16A	
Weight (without accessories)	6.4kg	7.0kg
Size (L x W x H) mm	280 x 140 x 150	275 x 140 x 150



Cable Connection



- 1 Data link cable(LVDS data cable-7m) (Detector ↔ control box)
- 2 Switch box interconnect cable
- 3 Handswitch cable
- 4 Camera link cable-2m(Control Box ↔ Control Panel PC)
- 5 Generator Sync. Cable(Switch Box ↔ Generator)



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