

XFM

Mobile system for *Digital Radiography (DR)*
with Wi-Fi Panel Detector

Maximum flexibility
High portability
Super image quality



XFM

HIGH-FREQUENCY GENERATOR

- > 100% microprocessor controlled high-frequency generator (40 kW)
- > Very short exposure times
- > Sharp images

TRANSPORTABILITY

- > Forwards and backwards fully motorized system movement
 - _outstanding manoeuvrability
 - _one handed-driving
- > Highly reliable touch-less anti-collision system
- > Motor Overboost for overcoming higher steps/ steeper ramps
- > Large rear wheels, and swivelling front wheels



INNOVATION OF DIGITAL TECHNOLOGY

- > Optimization of both image quality and patient dose
- > Full DICOM 3.0 package
- > Remote Service System for servicing and upgrading purposes

LIGHTWEIGHT AND WIRELESS

- > Wireless, cassette-size detectors (43x43 cm, 35x43 cm and 24x30 cm for pediatric use)
- > Grid encasement, for safe and effective grid examination (*)
- > Full capabilities also loaded with patient weight

COMPACT DESIGN

- > Extremely light weight (< 300 kgs)
- > Limited overall dimensions
- > Good visibility during transportation
- > Easy passage through doors, corridors, elevators



FLEXIBILITY

- > Rotating swivel arm with safe locking system
- > 90° freedom for lateral left-right arm rotation
- > ±90° collimator rotation
- > Wireless SID measurement system with LCD display (*)
- > LED collimator light

LARGE AND INTUITIVE TOUCH-SCREEN CONSOLE

- > 19" LCD high contrast touch-screen console
- > Intuitive interface for easy post processing
- > Operative also with protective gloves
- > Fully integrated solution with generator controls

EXTENSIVE OPERATION AND PORTABILITY

- > Long-life ultra-light Li-Ion battery for >2 days of complete operativity
- > Apron hanger
- > Versatile storage area
- > Additional filtration for pediatric exam
- > X-ray wireless pushbutton (*)

*Optional

X-FRAME DR - IMAGE ACQUISITION AND PROCESSING

X-FRAME DR acquires digital radiographic images by means of wireless cassette-size digital flat panel detectors, featuring amorphous Silicon (a-Si) technology and Caesium Iodide (CsI) or Gadolinium (Gos) scintillator, that grant for brilliant images with extremely sharp resolution, on a wide active area with a significant reduction in dose exposure.

Unprocessed Image



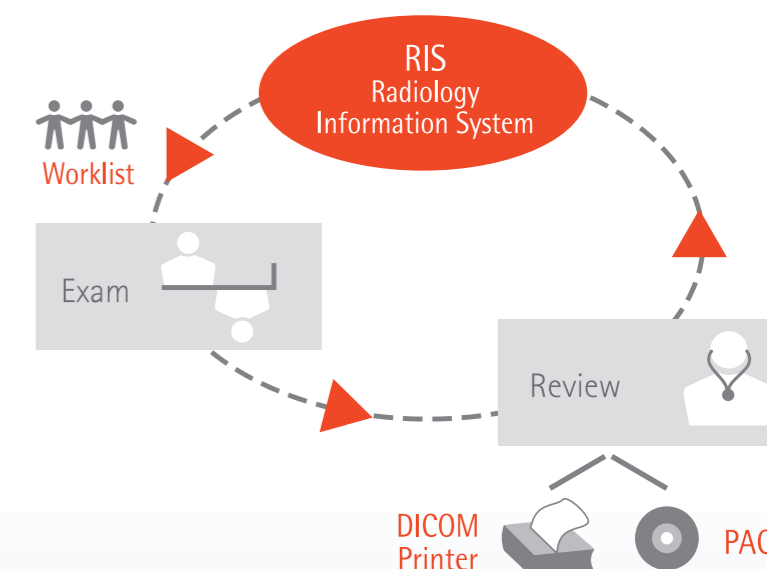
Image processed with everest-X



everest-X - Image Processing Algorithm

- > Image latitude enhancement
- > Substantial improvement of image diagnostic content
- > Clinical details visible in high-attenuation and low-attenuation image areas at the same time

DICOM CONNECTIVITY



FLEXIBILITY

Improve flexibility and cost efficiency in your radiology dept. by sharing the wireless cassette-size detector between the XFM mobile DR unit and Italtay Digital Radiography systems.

ABOUT ITALRAY

ITALRAY was founded in 1974 with the goal of manufacturing high-quality Medical X-ray Systems, 100% made in Italy. ITALRAY's core business is Medical Imaging with a special focus on Digital X-ray Imaging. ITALRAY activities range from product development to manufacturing, commercialization, installation, and service: we take care of our products throughout their entire lifecycle.

ITALRAY is now present in more than 70 countries worldwide with thousands of installations. The ITALRAY distribution network is growing every day!



Made in Italy

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