

DIGITAL MOBILE X-RAY

XFM:

The New Mobile System for Digital Radiology

XFM is the *new* **ITALRAY Digital X-Ray mobile unit** designed to perform radiologic examinations and diagnostic investigations both in the department (Operating room, Sports Medicine, Emergency Department, Paediatrics, Orthopaedics) and in the ward.



XFM enriches the line of traditional ITALRAY portable units with all the features of the main digital **X-frame DR** systems.

With this innovative unit **ITALRAY** has matched the portability and ease of use features of his mobile systems with the innovation of digital technology whose main features are mainly the optimization of both image quality and patient dose, and, not secondarily, immediate availability of patient and exam data throughout network, thanks to **full DICOM 3.0** compatibility, for urgent data transfer to PACS or to a DICOM printer.



Both digital technology and high performances of XFM workstation allows **Italray XFM** to archive a high number of radiological images in order to avoid operators to download exams more than once in a day to the hospital PACS.

Main feature of **XFM** is the possibility of operating by means of optional internal battery in addition to standard electrical connection to main power supply. This allows extensive operation (to perform expositions also without power connection available) and increases its portability since no cable will encumber system positioning.

Portable digital wi-fi detector is a solid-state flat panel detector, with active area of 35x43 cm, with a-Si technology and CsI scintillator, for a significant dose reduction for the patient and high values of contrast, sensitivity and resolution for optimum image quality.

Optional fully motorized system movement gives XFM outstanding manoeuvrability and one-handed driving.

Main feature of **XFM** is the possibility of operating by means of optional internal battery in addition to standard electrical connection to mains. This allows extensive operation (to perform expositions also without power connection available) and increases its portability since no cable will encumber system positioning. Portable digital wi-fi detector is a solid-state flat panel detector, with active area of 35x43 cm and a significant dose reduction for the patient, with high values of contrast, sensitivity and resolution for optimum image quality.

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