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Архангельск (8182)63-90-72	Иркутск (395)279-98-46	Мурманск (8152)59-64-93	Рязань (4912)46-61-64	Томск (3822)98-41-53
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Технические характеристики на цифровые мобильные рентгеновские системы XFM, X-FRAME DR2T ROOM КОМПАНИИ **Italray**



ITALRAY DR SOLUTIONS

Digital Radiography Systems

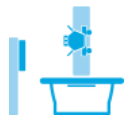
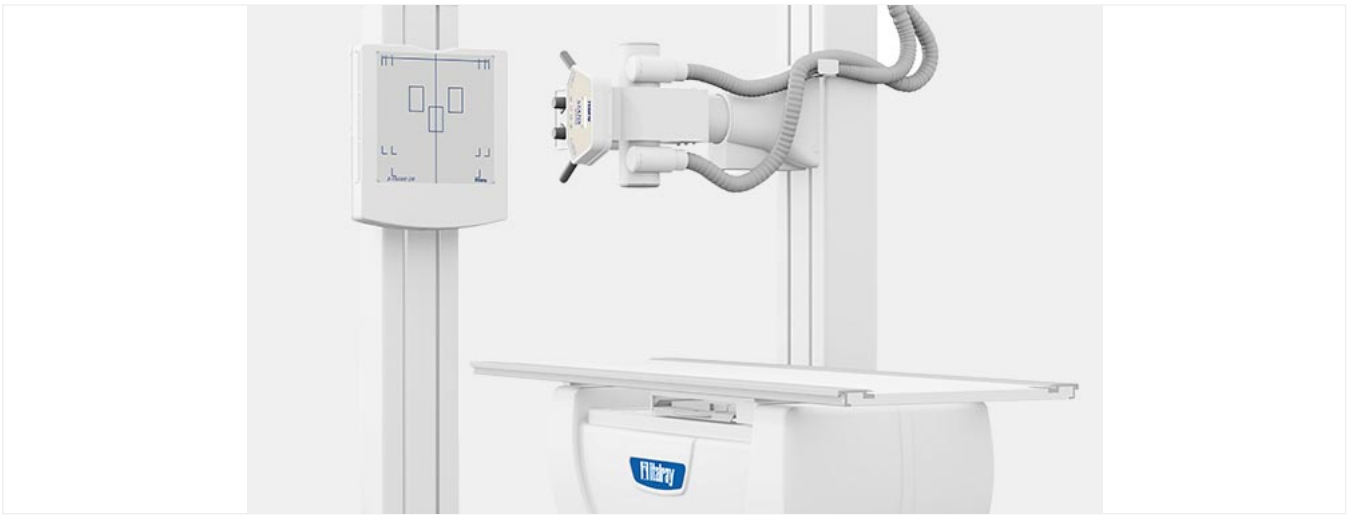
For every need a complete range of digital radiography solutions

DR Solutions is the complete range of Italtay equipment for digital X-ray. Technologically advanced solutions that meet all the needs of Radiology Departments. Extreme modularity, high automation and ease of use enhance department productivity. High quality images produced with reduced doses thanks to an efficient and controlled acquisition workflow with a very high digital x-ray quality, sophisticated image enhancement algorithms, and dedicated anatomical programs combined with the use of latest generation digital detectors.



X-FRAME DR2T

High productivity system for General and Emergency examinations.



X-FRAME DR2S

High productivity system for General and Chest examinations, with minimal space requirements.



X-FRAME DRT

High productivity system for Chest and Emergency examinations

The Advantages of *ITALRAY DR SOLUTIONS*



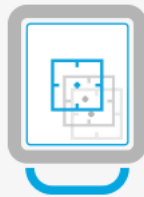
Auto Positioning

Automatic positioning of the X-ray tube on the selected detector, depending on the type of examination and the projection to be performed, activated via Dynamic Touch sensor or remote control.



Display Touch screen

Possibility of modifying digital x-ray acquisition parameters and projections close to the patient.



Auto Tracking

X-ray tube and digital detector are always kept automatically aligned for a simple and correct exam execution, also for oblique projections.



Auto Focusing

Selected SID is automatically maintained also during table elevation.



Auto Positioning

Fully Automatic positioning based on selected exam and projection. Predefined and customizable system positions.



Display Touch screen

System positioning, patient data, and X-ray settings are also available from tube-mounted touch screen console. Operator can stay close to patient.

Auto Tracking

X-ray tube and digital detector align automatically, ensuring a simple and correct execution of exam. The alignment of x-ray beam on digital detector is kept constant even in oblique projections.



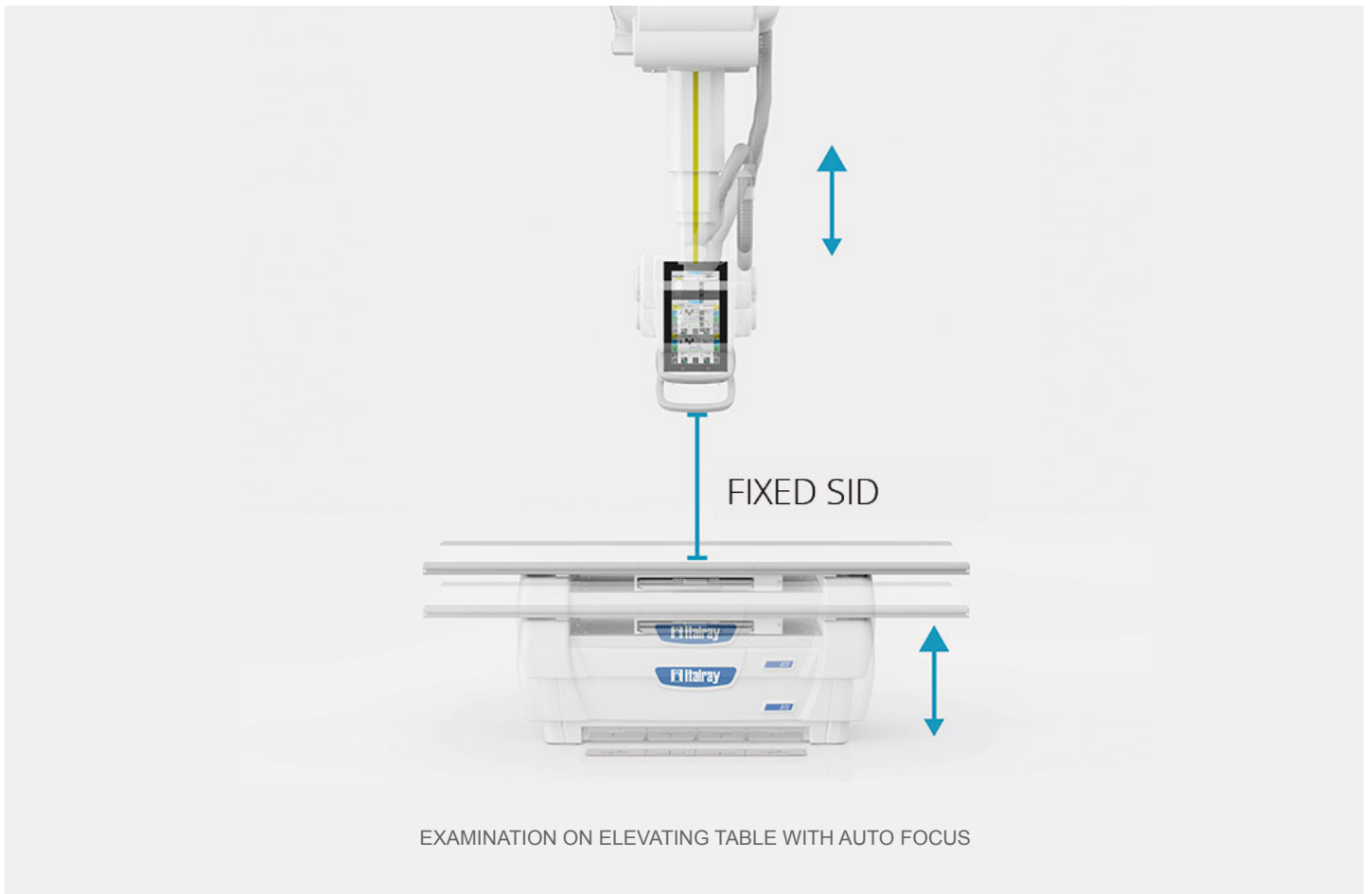
OBLIQUE PROJECTION ON ELEVATING TABLE WITH AUTO TRACKING



VERTICAL AND CHEST EXAMINATIONS WITH ADJUSTABLE FOCAL DISTANCE AND AUTO TRACKING

Auto focusing

Selected focus-detector distance is kept constant as the height of patient table changes. This function allows to acquire digital x-ray images with a constant magnification factor.



High automation

Multi-purpose vertical bucky stand (TIETON) with fixed or wireless detector. It is equipped with manual and motorized vertical movements. Automatic and motorized movements of detector holder (tilt and rotation) give high operational versatility in all routine and emergency conditions.





Auto grid *alignment*

TILTING AND MOTORIZED GRID ALIGNMENT

Thanks to the automatic motorized detector tilting and rotation movements (automatic and motorized grid alignment), grid and ionization chambers are always perfectly aligned in order to perform digital x-ray emergency exams on mobile tables, also for oblique projections



X-FRAME DR2T VIDEO

LOOK AT X-FRAME DR2T ROOM: DISCOVER ALL THE FUNCTIONALITIES OF ITALRAY DIGITAL RADIOGRAPHY SOLUTIONS

One console

Full integration between radiological generator and digital x-ray system.
A single console controls all system functions for more efficient operations.



**X-FRAME DR EZ /
DR
EZ@ WORKSTATION**



Plug and Play fan-less system
with minimal footprint.



XFM

Maximum Flexibility

High Portability

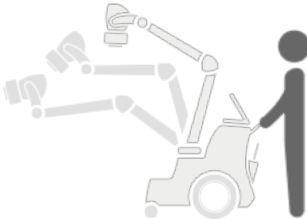
Superb image quality



Compact design



Wireless versatility

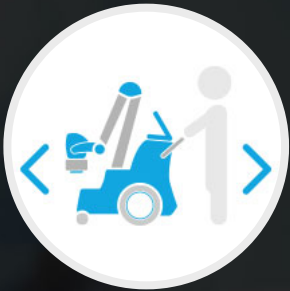


XFM

Digital Mobile X-Ray with wireless detector

A new mobile x-ray system for digital radiography

XFM is the new digital mobile x-ray system designed to perform radiologic examinations and diagnostic investigations both in the department (Operating room, Sports Medicine, Emergency Department, Paediatrics, Orthopaedics, and ICU) and in the ward.



High portability

Fully motorized mobile x-ray system, easy one handed-driving highly reliable touchless anti-collision system, motor overboost for overcoming higher steps/steeper ramps.



Maximum flexibility

90° freedom for lateral left-right arm rotation, equipped with safe locking system.

Versatility of our mobile x-ray system | XFM



EXTENSIVE OPERATION AND PORTABILITY

High autonomy of exposures and movement with long-life ultra-light Li-Ion battery: more than 11,5 km (7 miles) and 500 exposures with a complete charge
Lithium batteries more performing than traditional Lead accumulators (fully charged in < 2,5 hours!)

Apron hanger

Versatile storage area

Additional filtration for paediatric exams

X-ray wireless pushbutton



Compact design

Extremely lightweight (<300 kg). Limited overall dimensions for excellent visibility during transport, and easy passage through doors, corridors, elevators



Lightweight Li-ion battery

For extensive autonomy (exposures and motorization) and for very compact and light dimensions.

LARGE AND INTUITIVE TOUCH SCREEN CONSOLE

19" touch screen control console with intuitive interface for easy post processing. Full functionality even with protective gloves and fully integrated solution with generator control.



Digital innovation

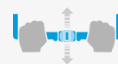
Just one mobile x-ray system for the department and the ward with optimization of both image quality and patient dose. Full DICOM and Remote Service Assistance.



Outstanding manoeuvrability

Forwards and backwards fully motorized system movement.

HIGH PORTABILITY



EASY

MANOEUVRABILITY

Large rear wheels and swivelling front wheels
Functional control joystick placed on the transport bar (brake release)



COMPLETE MOTORIZATION SYSTEM

High manoeuvrability and ease of transport, without the encumbrance of the power cable
With one hand the operator transports XFM through corridors and rooms
Sophisticated anti-collision sensors ensure the safe movement of XFM within the hospital environment



OVERBOOST FUNCTION

To push the motor at the higher speed to face up every particular situation where an increase in power is required (overcoming obstacles, high slopes, etc.)



Maximum Flexibility



Arm rotation with respect to the 2 axes

Maximum freedom of rotation (+ 90 ° / -90 °) of the tube support arm

Safe repositioning of the tube holder arm by means of an automatic safety lock Contactless electronic meter with LCD display for SID

LED collimator

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