MRX TEL
remote control X-ray system

MEDICOR X DIAGNOSTICS
MRX – remote control X-ray system

MRX TEL is a remote controlled X-ray diagnostic system with wide application range. It provides radiography, fluoroscopy and tomography with easy patient transfer. Due to settings based on size of a patient and pulse modes system offers high image quality maintaining low dose. Dose control and measurement tool allow customizing exposure properties for optimization.

MRX TEL side-suspended design and wide rage of motorized movements delivers more accessibility for easy workflow. SID can be changed from 105 to 150 cm to take the images with minimum geometric distortion. System is equipped with X-ray transparent compression cone. Thus, the physician has no need to leave the control room as the table can be operated remotely. The low table height above the floor level and the additional fixation accessories provide the comfortable examination process for a patient.

DR-system

Digital Image Intensifier it can be applied to a wide rage of application is fluoroscopy: angiographic, gastroenterological, gynecological, urological and other examinations with contrast dye use. It obtains three operating fields, which provide the enlargement of image field of physician’s interest with resolution up to 2.5 lp/mm.

Using wireless flat-panel is a best way to upgrade MRX system to full-DR and use single software solution to switch between fluoroscopy and radiography. Both modes stand out for its advanced noise reduction system. That provides high-quality imaging of stationary and mobile objects. Since last time unit offers with dynamic flat-panel to provide full range of modern features.

Standard configuration:

1. Table tilting: -30°/+90°
2. Focus-film distance (SID): 1090 – 1500 mm
3. Tomographic angles: 8°, 15°, 20°, 30°, 40°
4. Automatic collimator with light beam
5. Motorised compression
6. High resolution image intensifier: 9” or 12”
7. Generator: 65 kW
8. Dual focus tube
9. AEC
10. Accessories:
   • Foot rest,
   • Shoulder rest,
   • Handgrips.
Remote controlled R/F system

Remote control of table tiling

tomography and oblique images

operations without moving patient
Medicor Diagnostics Ltd.

Phone: +36 1 460 9256
Fax: +36 1 460 9222