

Neusoft Medical Systems



Medical Products &  
e-Hospital Solutions

## NSX-RF3900 Digital R/F system



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## NSX-RF3900 Digital R/F system →



### Extensive clinic applications:

- Standard radiographic and Fluoroscopic examinations, including oblique projections between  $\pm 40^\circ$
- Barium and iodine study such as gastro intestinal venography/phlebography, sialography
- Free cassette exposures
- Chest examinations with table in vertical position or via optional wall bucky
- Intervention therapy including ERCP, Dilatations and Embolisations

- Wall stand exposures
- Urological procedures
- Digital subtracted acquisition

### Innovative design

- Remote controlled table tilting up to  $\pm 90^\circ$
- Microprocessor controlled X-ray generator supports continuous/pulse fluoroscopy, provides Automatic Exposure Control (AEC), automatic KV/mA control during fluoroscopy, tube overload protection and automatic main voltage

- compensation
- Combination of image intensifier with CCD camera for direct digital image acquisition
- Second geometry operation control panel extends the controllability in the examination room for interventions or other procedures where immediate contact to the patient is required
- Automatic compression device with selectable pressure (35N, 50N, 70N) and is fully operational at all tube angulation positions



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#### Image processing technologies

- 1024 × 1024 image acquisition matrix with a maximum speed of 15 images per second
- Live fluoroscopy images can be captured as single images or dynamic sequences
- Real-time ADC (automatic dose rate control) technology guarantees high homogeneity of image acquisition and minimize dosage received by each patient

- Real-time image intensify to improve image resolution
- Automatic noise reduction to improve image quality



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### Perfect workflow design

- Neat and user-friendly interface
- DICOM BWLM (worklist management) provides connection to RIS in order to query and receive patient and examination information
- Printing can be carried out by preset layout and extended with tailor-made printing protocols according to personal settings
- DICOM Export/Storage Images can be stored in the 160GB local harddisk or

exported to other DICOM workstations or PACS

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Having a good partner will give a better chance of success.

Neusoft is devoted to deliver quality products to the healthcare community. We look forward to becoming your partner. Together we will provide top quality services to patients.



**Neusoft Medical Systems**

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