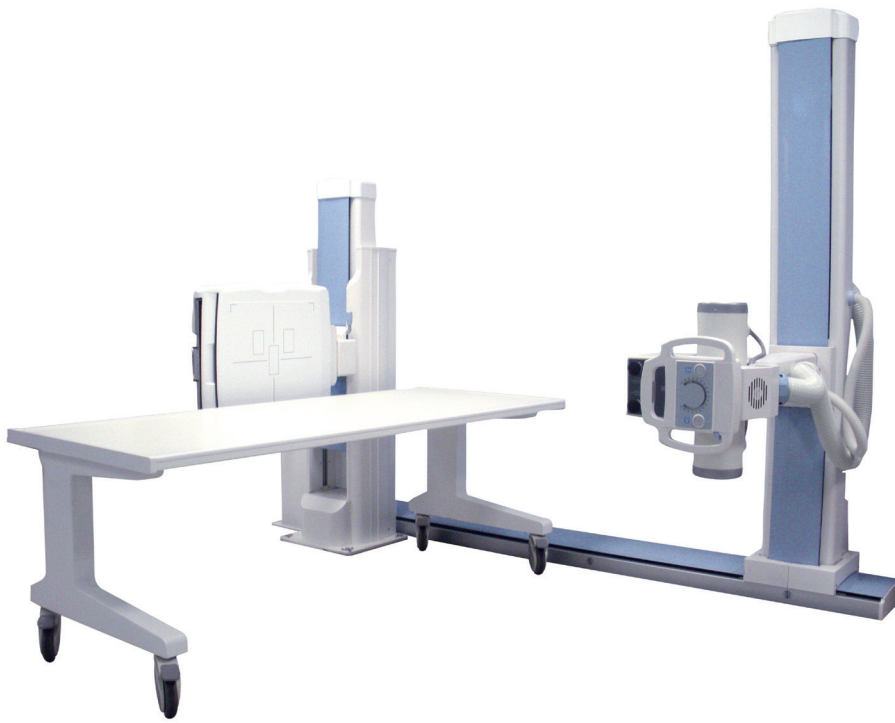


CuattroDR™ Digital Radiography Floor Rail System (FRS)

The floor rail system (FRS) is a powerful space-saving solution for the smallest radiography rooms and can be adopted to meet the needs of any facility. The highly mobile table, floor mounted tube stand and motorized detector stand helps improve productivity and optimize workflow. Also, the flexibility to transfer and position patients for standing, sitting, horizontal, weight-bearing, and off-axis-angle projections provides a seamless process for both healthcare providers and patients.



Floor Rail System (FRS) Features

- Traditional floor mounted tube stand means no complicated learning curve for technologists
- Floor mounted design minimizes installation requirements
- Mobile table with 500 lb. patient capacity provides a full-featured system with maximum imaging capability and flexibility
- Motorized elevating detector stand with removable grid configured for either CR or DR
- Available for use with CR or DR and customizable with any generator power
- Can be suited for the needs of any facility
- Customize your FRS by choosing any power generator. AEC, optional remove
- 11' x 11' minimum floor space without mobile table use
- 13' x 11' minimum floor space with mobile table use. Includes storage of mobile table when not in use
- 8" ceiling, minimum
- 120 Volt, 50/60Hz, 500 VA
- Certified manual collimator

17 x 17" Wireless Detector Specifications

Sensor

- Panel Single substrate amorphous silicon active TFT/diode array
- Scintillator Direct deposition CsI:TI
- Pixel Matrix 4318 x 4320
- Pixel Pitch 100 µm

Electronics

- Amplifiers Low noise ASICs with user selectable gains
- ADC 16 bit
- Image Transfer Time Wired: 600 ms
- On Board Memory 1 GB DDR3, 4 GB SDHC card

Mechanical

- Size 43 cm x 43 cm (17" x 17") cassette size
- Active Area 43.2 cm x 43.2 cm
- External Dimensions 46 cm (w) x 46 cm (w) x 1.5 cm (h)
- Weight 4.5 kg (9.4 lbs.)
- Housing Carbon-fiber front & back

Communications

- Wired Data I/F GigE via optional power & communication tether
- X-ray I/F Integrated X-ray trigger control
Automatic exposure detection



Imaging Performance

- Limiting Resolution 5 cy/mm
- Typical MTF 70% (1 cy/mm), 40% (2 cy/mm), 15% (4 cy/mm) for RQA5
- Typical DQE 75% (0 cy/mm), 60% (1 cy/mm), 40% (3 cy/mm) for RQA5
- Energy Range 20 – 150 kV

Environmental

- Temperature 10 – 35 °C operating
- Humidity 30 – 70 % RH operating (non-condensing)

Accessories

- Interface/Power Unit XRpad IPU with external power supply 100 – 240 V AC, GigE, and X-ray I/F

Regulatory

- Standards IEC 60601-1, IEC 60601-1-2, IEC 60601-1-6, EN 62311, ISO 10993-5, ISO 10993-10, CE

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