

EXAMION®

X-Ray Systems · Digital Imaging · Service

X-DRS Floor Standard E

X-ray system with detector for highest demands





X-DRS Floor Standard E



Flexibility in use

The EXAMION complete system X-DRS Floor Standard E, combining an X-ray unit with the premium EXAMION detectors, convinces with its comfort and the high-quality X-ray images.

In the future, the X-DRS Floor Standard E can also be retrofitted with convenient stitching capability. Stitching creates a detailed and extremely precise representation of large parts of the body enabled. This improves diagnostic accuracy and increases patient comfort.

Areas of application

Our X-ray system is especially suitable for use in large medical practices, healthcare centres and even small hospitals. The system supports you in the simple implementation of all imaging techniques, especially in the fields of orthopaedics and surgery. With optional equipment variants, you can adapt the systems flexibly according to your needs and wishes.

X-DRS Floor Standard E

- X** Physicians in private practice
- X** MC
- X** Radiology
- X** Hospital



Be convinced by standardisation

To make routine radiography profitable, you need to perform high quality X-ray examinations while remaining cost-effective. The X-DRS Floor Standard E supports you with optimized acquisition and maintenance costs. You can also use the X-ray system for bedside radiography in larger X-ray rooms. This means that you can dispense with a ceiling mounted system. Our digital radiography system X-DRS Floor Standard E allows you to examine all your patients economically, yet with the highest quality.

Our X-ray system is based on a modular system, which offers you huge advantages through standardisation and the possible savings that result from the process. Long-standing customer experience proves the system a sustainable investment for your digital radiography department.



X-ray system consists of bucky table and wall stand

The X-DRS Floor Standard E creates working conditions in your practice that usually can be achieved only with systems in hospitals. The X-ray system is designed for ease of use and has completely motorized movements.

Impressive due to equipment options

The modern X-ray system can be flexibly adapted to user capacity utilization: it can be equipped with one or two X-ray detectors.

With the one-detector solution, the detector can be operated alternately on the Bucky table or wall stand as a WiFi version without any annoying cable. The easily removable cassette drawer makes replacement very easy.

With the two-detector solution, one X-ray detector is permanently installed in the bucky of the table, the other in the grid wall stand.



Impressive due to maximum ease of use

The X-DRS Floor Standard E is equipped with a height-adjustable table that reduces the user's stress and increases the comfort for your patients.

The individual adjustment of the table height enables optimal working. Every user can determine the most comfortable operating height of the device and positioning of the patient. This prevents unnecessary physical strain and increases job satisfaction in your team.

The height-adjustable table also has benefits for patients: You can comfortably assume their basic position at a low table height before the operator completes positioning after raising the table top. The height-adjustable table makes examinations easier, especially for those with limited mobility.

Not only the X-ray table components can be motorised, also the grid wall stand. Users can choose whether they want to move the bucky manually or motorized. The motorized movement supports you above all in the fine adjustment of the bucky position.



Technical Specifications

X-ray stand

Manual movement	Vertical movement/longitudinal, electromagnetic braking Rotation tube: $\pm 135^\circ$ Transversal movement Tube support arm: ± 12 cm; Stand rotation: $\pm 90^\circ$
Movement range	Vertical (tube): 149 cm ± 1 cm; longitudinal, (stand): 190 cm ± 1 cm
Display	10 Zoll Tubehead Display
Power supply	24 VDC, 3 A
Motorised movement	Automatic vertical movement

Bucky wall stand

Movement	Manual and motorized, electromagnetically braked
Vertical travel (Central from beam floor)	Max.: 189 cm Min.: 40 cm
Power supply	24 VDC, 1A
Accessories	Handle support

Six-way X-ray table (height adjustable)

Tabletop dimensions	228 cm \times $80,6$ cm ($89,8$ " \times $31,8$ ")
Tabletop travel range	longitudinal: 38 cm ± 1 cm (15 " $\pm 0,4$ ") ; Transversal: $9,5$ cm ± 1 cm ($3,8$ " $\pm 0,4$ ")
Detector travel range	50 cm ± 1 cm ($19,7$ " $\pm 0,4$ "); Vertical travel range: 30 cm ± 1 cm ($11,8$ " $\pm 0,4$ ")
Max. Patient weight	350 kg ($771,62$ lbs)
Kick switch	To adjust the tabletop position and raise the tabletop
Power supply	120 VAC oder $220 \sim 240$ VAC, 50 Hz/ 0 Hz, 500 VA

Further specifications

Generator	CMP 200 DR, 50 kW, max. 630 mA, max. 150 kV, max. 200 kHz, AEC, hand switch, 3 phases/N/PE, 400 V, incl. console
Tube	Toshiba E7252X, Hotspots $0,6/1,2$ mm, 300 KHu, max. 150 kV, incl. high voltage cable, weight ca. 18 kg
Collimator	Manually rotatable, LED-lamp, integrated timer, laser adjustment
Measurement chamber AEC	3-field carbon measurement chamber with cable
Optional	Tube: RAD-14, RAD-21, RAD-60; Other generators on request DAP: dose-area product meter, integrated display, automatic integration into the X-AQS X-ray journal
Warranty	5 year warranty on detectors 1 year warranty on all other components Extended warranty on request



X-DR WiFi – Detectors in a range of sizes

Our detectors are at the heart of the digital X-ray system. They provide high quality X-ray images, saving time and man-hours. They are available in different versions, can be combined with each other and thus cover all requirements without any problems.

Data transfer via WiFi is supported and power can be supplied by a battery. If the detector is permanently installed, the appropriate power supply cabling is available as an option.



X-DR M WiFi TH

- Optimal as a supplementary detector for extremity images
- Suitable for incubators in neonatology
- Size: 23 cm x 28 cm

X-DR L WiFi and X-DR XL WiFi

- Best seller with excellent price in relation to performance
- Excellent picture quality that also complies with high requirements
- Sizes: 35 cm x 43 cm
43 cm x 43 cm

X-DR L WiFi Premium and X-DR XL WiFi Premium

- Minimal weight
- High protection against liquid infiltration
- Pixel pitch 100 µm: Premium quality X-ray images which meet the highest requirements
- Sizes: 35 cm x 43 cm
43 cm x 43 cm

Our models at a glance

	X-DR M WiFi TH	X-DR L WiFi	X-DR L WiFi Premium	X-DR XL WiFi	X-DR XL WiFi Premium
Pixel pitch	148 µm	150 µm	100 µm	139 µm	100 µm
Pixel matrix	1920 x 1560	2.304 x 2.800	3.500 x 4.300	3.072 x 3.072	4.267 x 4.267
Weight	1.6 kg	3.4 kg	2.8 kg	4.6 kg	3.4 kg
Size	23 x 28 cm	35 x 43 cm	35 x 43 cm	43 x 43 cm	43 x 43 cm

X-AQS Software – Acquisition, control, archiving

The EXAMION X-AQS software is a universal solution for X-ray image acquisition, processing and archiving, allowing you to control a wide range of CR digitizers, DR flat panels and X-ray generators as well as processes. The software is available as a DICOM modality to connect to your existing image archive, but also as a system solution with X-AQS PACS with standardised operation at viewer workstations. The software can be adapted to your needs and can grow along - always as you need it.



Placing of orders

- Touchscreen operation throughout
- Clear depiction and selection of body regions
- Freely configurable organ lists for each body region

Image acquisition

- State-of-the-art X-AQS image processing
- Consistent user interface and operation steps even when switching between CR and DR systems
- Digital X-ray journal

Post-editing

- Extensive functions for post-editing the image
- Complete diagnostic viewer with measuring tools even at acquisition workstation
- Export in DICOM and other formats via USB stick, DVD or e-mail

Additional features with X-AQS PACS

- Client software for an infinite number of viewer workstations
- Integration of peripherals such as ultrasound, endoscopy, CT and MRT

Webclient

- Full-featured web client not only for image viewing but also, for example, for patient management and order placement



The X-AQS with its user-friendly operating interface is the central controlling unit for digital X-ray. Simple and self-explanatory buttons enable the acquisition of perfect X-ray images with just a few clicks. We offer you a future-proof universal software platform that is constantly being further developed and tested by users.

EXAMION GmbH

EXAMION is a global provider of specialized solutions for digital radiography in human and veterinary medicine. For 35 years, we have been working based on the principle of "everything from a single source". We are available to our customers as a competent partner for planning, installation, and after-sales services.



Our technical and sales advice is tailored to the specific requirements of the customers and the practice premises. Contact our experts for your personalized advice!

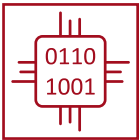
EXAMION currently services over 7,000 systems, most of which are stationary X-ray systems installed in medical and veterinary hospitals and practices. Our in-house developed EXAMION X-AQS software empowers the system control, image processing, reporting, and archiving while ensuring efficient workflow. In addition to digital radiography and image processing systems, our product portfolio includes digital mammography.

With more than 150 employees in Germany, our European subsidiaries in Belgium, Poland, Portugal, and Switzerland, and our ever-growing network of service and sales partners, we passionately support our customers throughout Europe and beyond.

Take advantage of our long-standing experience



X-ray systems



Digital systems

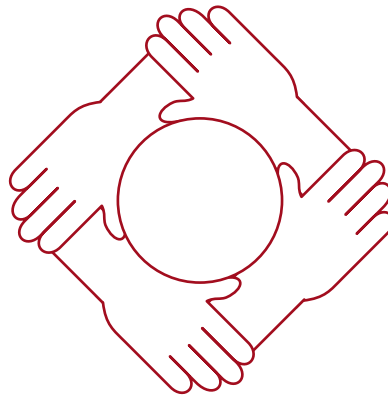


Image archives



Services



Contact – your local sales and service partners

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