

EXAMION®

X-Ray Systems · Digital Imaging · Service

X-DRS Floor Standard E

X-ray system with detector for highest demands



-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.

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. User-friendly functionalities, such as stitching, can be updated in the future.

X-DRS Floor Standard E

-  Physicians in private practice
-  MC
-  Radiology
-  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 optimised 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.

The system can be equipped with one or two detectors. The removable bucky-tray of the X-DRS Floor Standard E makes replacement very easy.

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 makes 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.



Be convinced by the smooth operation

For enhanced ease of use and efficient workflows, the bucky tray on the table and on the wall stand synchronise with the X-ray tube using an electric motor, even for oblique images. Controlling over this sequence is done intuitively via the large 10 inch tubehead display of the X-ray system.

Synchronisation:

- Motorised tracking of the bucky tray on the table so that all images, including oblique images, are correctly centred
- Motorised tracking of the X-ray tube when the table height is adjusted
- Motorised tracking by the X-ray tube when the bucky on the wall stand is moved
- Future upgrades can include the convenient stitching function

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 x 80,6 cm (89.8" x 31.8")
Tabletop travel range	longitudinal: 38 cm ± 1 cm (15" ± 0.4 ") ; Transversal: 9,5 cm ± 1 cm (3.8" ± 0.4 ")
Detector travel range	50 cm ± 1 cm (19.7" ± 0.4 "); Vertical travel range: 30 cm ± 1 cm (11.8" ± 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 ~ 240 VAC, 50 Hz / 60 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 x 28 cm

X-DR L WiFi und 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 und 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	1.920 x 1.560	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 specialised provider of solutions for digital radiography in human and veterinary medicine on the global stage. We have been working for more than 30 years based on the "one stop shop" principle, and support our customers as an expert partner in planning, installation and after-sales service.

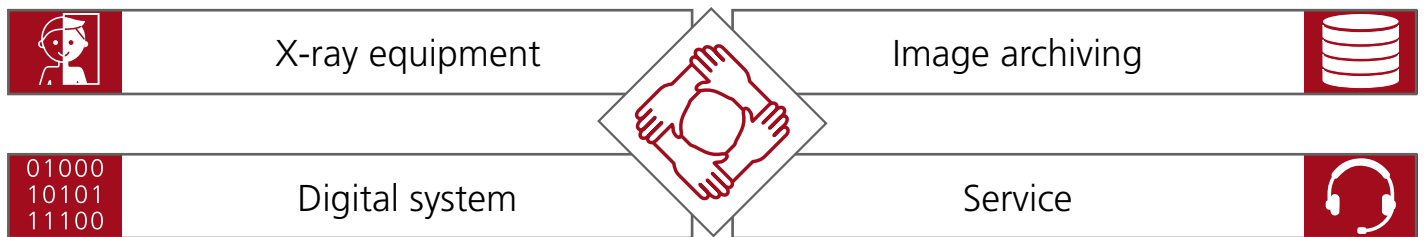


Our advice on technical and business matters centres around our customer's needs and practice premises, and each and every offer is individually tailored by our experts.

EXAMION currently services over 7,000 systems, some of these are mobile, but the majority are permanently installed in hospitals and medical practices. EXAMION X-AQS software, which has been developed in-house, for unit control, image processing, diagnostics and archiving, standardises control and ensures an efficient workflow. Our product portfolio encompasses digital radiography, digital image processing as well as mammography and X-ray therapy.

We support our customers with more than 150 employees throughout Germany and in four European sites in Belgium, Poland, Portugal and Switzerland. Worldwide we are working with an ever-growing network of service and sales partners.




Benefit from years of experience



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