

X-DRS Floor Standard

X-ray system with detector for highest performance requirements



X-DRS Floor Standard





Flexibility in use

The EXAMION-complete-system X-DRS Floor Standard, consisting of an X-ray unit combined with the high-quality EXAMION-detectors, convinces with its comfort and high-quality X-ray images. In addition, you can flexibly adapt the fully digital X-ray system to your needs and wishes with the optional equipment variants.

Areas of application

Our X-ray system is especially suitable for use in large medical practices or MVZ as well as specialized radiological centers. The system supports you in the implementation of all imaging techniques, especially in the fields of orthopaedics and surgery.

X-DRS Floor Standard



Physicians in private practice



MVZ



Radiology

Be convinced by standardisation

To keep routine radiography profitable, you need to perform high-quality X-ray examinations while remaining cost-efficient. The X-DRS Floor Standard supports you by optimising acquisition and maintenance costs. In addition, for larger X-ray rooms, you can also use the X-ray system for tabletop radiography and therefore do not require a second ceiling-guided system. Our digital radiography system X-DRS Floor Standard 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-term customer satisfaction makes the system a sustainable investment for your digital radiography department.

X-ray system consists of bucky table and wall stand

Due to its intuitive operation and the motorised movements of the X-ray system, the X-DRS Floor Standard allows working conditions that are normally only reached with systems in hospitals. Your X-ray staff is thus supported in the best possible way in correct positioning and acquires valuable time for other activities.

Be convinced by the smooth operation

To comfortably take X-rays of your patients' lower extremities, such as ankle radiographs under pressure, the bucky wall and the X-ray tube can be positioned close to the floor. Especially the motorized movements of the wall stand simplify a much finer adjustment of the bucky.

The complete fully digital system can be equipped with one or two detectors. The bucky tray of the X-DRS Floor Standard is easy to pull out and makes the replacement very simple and fast.



Impressing with modern design

The modern design of the X-ray system fits perfectly into contemporary practice rooms. In particular, the X-ray table with its clear lines is characterised by its timeless design. Convince your patients with modern equipment.

The sophisticated features of the X-DRS Floor Standard ensure effective workflows and can increase the job contentment of your staff.

Synchronisation:

For increased ease of use and efficient work, the bucky trays at the table and the wall unit are electromotively synchronised with the X-ray tube, even for inclined exposures. The synchronisation is controlled via the 10" tubehead display.

- Motorised tracking of the bucky tray at the table for correct centering of all images, including inclined exposures
- Motorised positioning of the X-ray tube when the bucky is moved on the wall unit





Technical Specifications

Floor Mounted Tube Stand

Longitudinal travel (tube stand)	190 cm \pm 1 cm (74.8" \pm 0.4"); Manual movement, electromagnetic brakes
Vertical travel (focal spot)	149 cm \pm 1 cm (58.7" \pm 0.4"); Manual movement or motorised tracking, electromagnetic brakes
Transverse travel (tube arm)	12 cm \pm 1 cm (4.8" \pm 0.4"); Manual movement, electromagnetic brakes
Column rotation	\pm 135° Manual rotation, mechanical brake
Tube rotation	\pm 135° Manual rotation, electromagnetic brake
Tracking	Tube position is tracked by the bucky of the table also for oblique images. Bucky position of the wall stand is tracked by the tube.

Wall Stand

Movement	Manual and motorized
Vertical travel (bucky)	Min.: 40 cm (15.7") Max.: 189 cm (74.4") Manual movement, electromagnetic brakes
Bucky	For cassettes or mobile flat detectors

4-Way Patient Table

Tabletop dimensions	228 cm x 80.6 cm (89.8" x 31.8")
Tabletop travel range	Longitudinal: 39 cm \pm 1 cm (15.4" \pm 0.4") Transverse: 10.5 cm \pm 1 cm (4.2" \pm 0.4")
Detector travel range	50 cm \pm 1 cm (19.7" \pm 0.4") Manual movement or motorised tracking
Max. patient weight	250 kg (551.2 lbs)
Bucky	For cassettes or mobile flat detectors
Kick switch	For float adjustment

Other Specifications

Display	10" Tubehead Display
Generator	CPI CMP 200 DR, 50 kW, max. 630 mA, max. 150 kV, AEC, hand switch, 3 phases / N / PE, 400 V, incl. console Other generators on request
Tube	Varex RAD-14, focal spots 0.6 / 1.2 mm, 300 kHu, max. 150 kV, incl. high voltage cable, weight 17.4 kg (38.4 lbs); Optional: RAD 21, RAD 60
Collimator	Manually turnable, LED lamp, integrated timer, laser alignment
AEC	3-field measuring chamber with cable
DAP (optional)	DAP measuring device or DAP calculation, automatic integration into X-AQS X-ray journal
Warranty	5 year warranty on detectors 1 year warranty on all other components Extended warranty on request
Certification	CE 2460

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



-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.

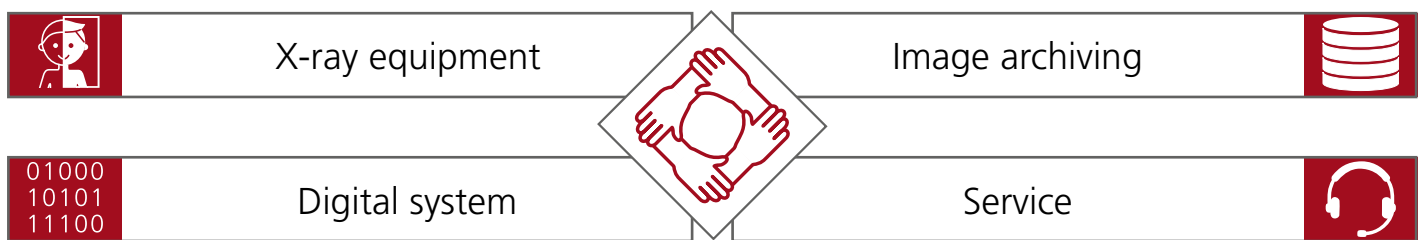


Our advice on technical and business matters centres around our customer's needs and practice premises, and each and every offer is individually tailored by our experts.

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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