

EXAMION®

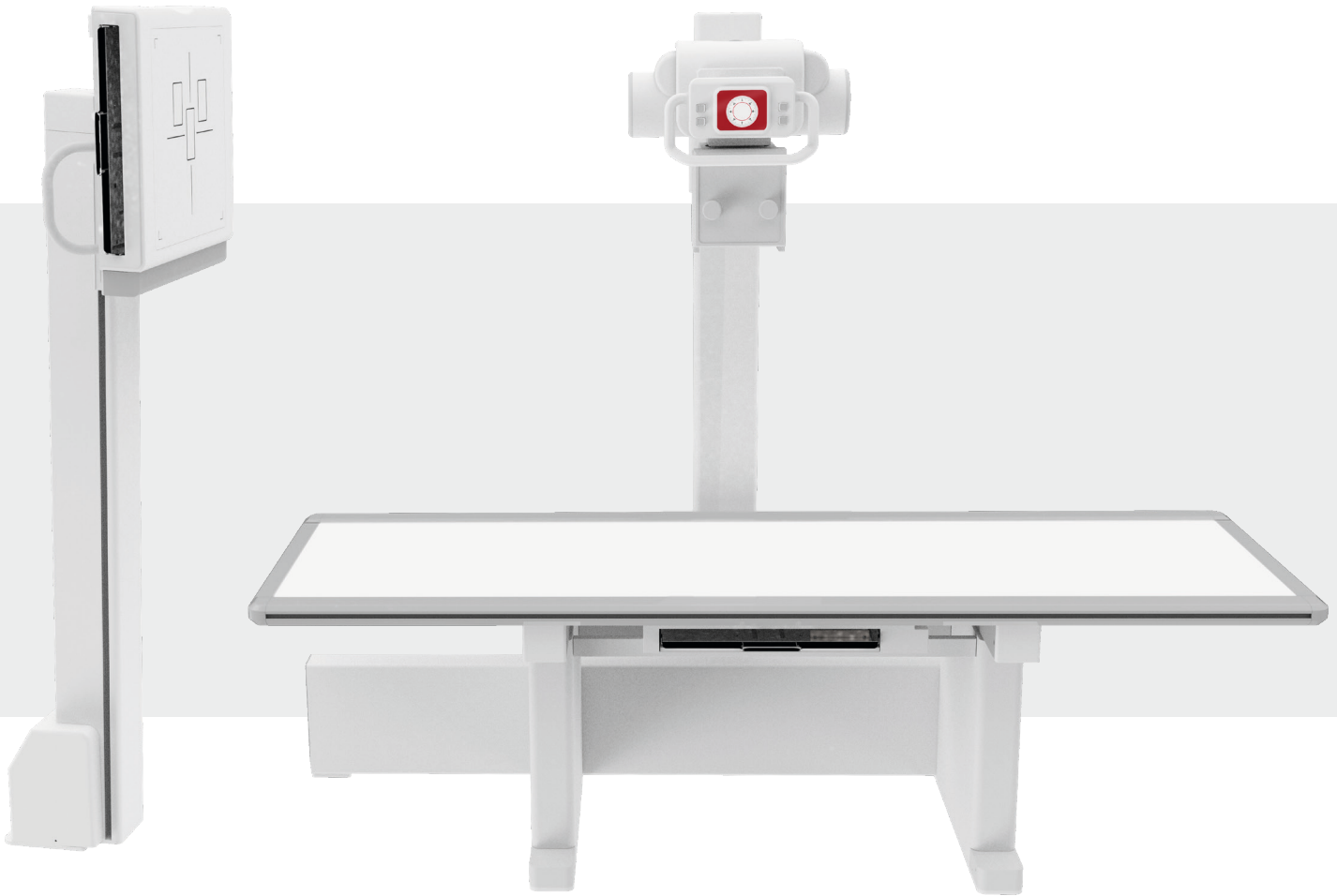
X-Ray Systems · Digital Imaging · Service

X-DRS Floor Basic

X-ray System with detector



X-DRS Floor Basic





Floor mounted X-ray system

The EXAMION X-ray system X-DRS Floor Basic, consisting of an X-ray tube combined with high quality EXAMION detectors, convinces the practitioner with its small footprint and high quality X-ray images with optimised costs.

Field of application

The X-DRS Floor Basic from EXAMION is the right choice for you if, as a practitioner you require the classic combination of a bucky table for images of recumbent patients and a wall stand for images of standing patients.

X-DRS Floor Basic



Physicians in private practice



MC

Cost-optimized X-ray system

Thanks to its standardisation and technology that has been tried and tested over many years, the X-DRS Floor Basic X-ray system ensures low life cycle costs. With the system, your practice has a reliable X-ray system with constant performance and, at the same time, low maintenance requirements.

Digital X-ray images with optimal price-performance

The X-DRS Floor Basic is either combined with a single mobile detector or with two detectors - in this case one detector on the table and another on the wall unit. A maximum of four detectors can be connected, for example for on-table or special exposures.

The X-DRS Floor Basic X-ray system has a small footprint, but holds its own in practice routine, demonstrating its excellence as a robust working tool. The smooth mechanics guarantee effortless and accurate positioning.

The electromagnetic brakes for the table top are conveniently controlled via a light barrier in the foot area of the table, enabling the user to operate the system in an ergonomic and user-friendly manner.



Synchronisation:

- The X-ray tube and bucky can be mechanically coupled on the X-ray table.
- When coupled, the X-ray tube and bucky are correctly centred with respect to one another. The user moves both to the desired position using the command arm. The coupling can of course be released for oblique shots.



Technical Specifications

Floor Mounted Tube Stand

Longitudinal travel (tube stand)	127.6 cm (50.3") Manual movement, electromagnetic brakes
Vertical travel (focal spot)	136.5 cm (53.8") Manual movement, electromagnetic brakes
Tube rotation	$\pm 135^\circ$ Manual rotation, electromagnetic brakes
Tracking	Table: Mechanical clutch between tube stand and bucky of the table

Wall stand

Vertical travel (bucky)	Min.: 40 cm (15.7") Max.: 176.5 cm (69.5") Manual movement, electromagnetic brakes
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4-Way Patient Table

Tabletop dimensions	228 cm x 80.6 cm (89.8" x 31.8")
Tabletop travel range	Longitudinal: 50 cm \pm 1 cm (19.7" \pm 0.4") Transverse: 8.5 cm \pm 1 cm (3.4" \pm 0.4")
Detector travel range	33.4 cm \pm 1 cm (13.2" \pm 0.4")
Max. patient weight	250 kg (551.2 lbs)
Table top brakes	Electromagnetic brakes released via foot-controlled light barrier

Other Specifications

Generator	CPI CMP 200 DR, 50 kW, max. 630 mA, max. 150 kV, AEC, hand switch, 3 phases, 400 V 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	Two 3-field measuring chamber with cable
DAP (optional)	DAP measuring device or DAP calculation Automatic integration into X-AQS X-ray journal
Warranty	5 years 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 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



-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

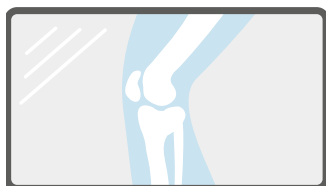
- Extensive functions for post-editing the image
- Complete diagnostic viewer with measuring tools even at acquisition workstation
- Export in DICOM and other formats via USB stick, DVD or e-mail

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.

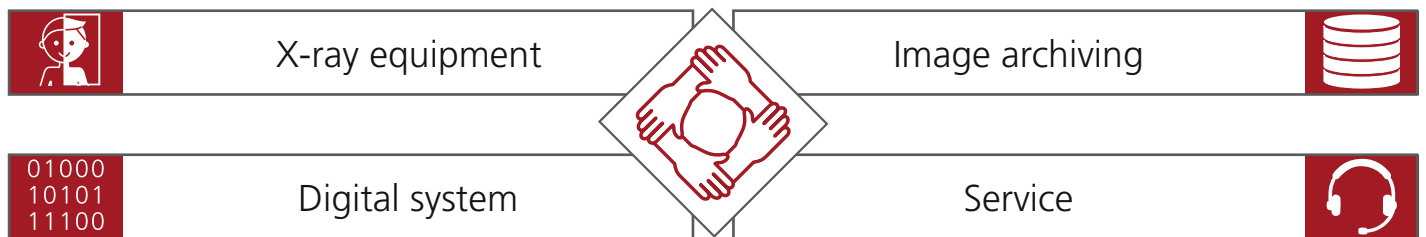


Our advice on technical and business matters centres around our customer's needs and practice premises, and each and every offer is individually tailored by our experts.

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



Contact

Head office Germany

EXAMION GmbH
Erich-Herion-Str. 37
70736 Fellbach
Germany
www.examion.com

 +49 711 120 002 - 0
 +49 711 120 002 - 22
 vertrieb@examion.com



Certified partner of EXAMION