

Digital radiography with X Twin

Excellent image quality with low operating costs

The innovative X-ray system from ROESYS GmbH brings new input to imaging diagnostics at the Dachau Clinic.



„We were amazed how quickly and professionally the new work system was installed in our department. We were able to use the outstanding image quality of the digital radiography system within a very short period of time - this did not just impress our staff, but also our referring colleagues, who were able to benefit from it immediately.“

Dr. med. Matthias Matzko
Chief Radiologist

With this X-ray system, which is the first installed in Bavaria, high-resolution, digital images are created with a low level of radiation exposure and provided in a very short period of time for diagnosis.

With its innovative X Twin, the company ROESYS has developed a hitherto unique solution to significantly counter the rising cost pressures in healthcare, without compromising

important functionality in imaging diagnostics.

The manufacturer has achieved this by consciously reducing the expensive image receptor to a single detector (DFP) and by systematically designing it for simple floor mounting.

Thanks to these changes to conventional X-ray systems with two detectors - one in the bucky table and one in the wall bucky - significant costs are

saved in the purchasing and maintenance of the equipment. The building preparation for the examination room is also significantly cheaper, since there is no requirement for costly plans and building measures to accommodate the fitting of heavy equipment on the ceiling.





„The creative ideas and solid project management of Roesys helped us to design a modern and ergonomic work station. Long distances and searching for information are now things of the past.“

August Pallauf
Technical Manager

Ergonomic

The X Twin makes no compromises when it comes to the possible adjustments. The fully-motorised two-column system can move to all required exposure positions in the shortest possible time, and it takes the pressure off the MTRAs with its pre-programmed positions and bi-directional auto-tracking.

Economic

Compared to the technology used to date, the high-resolution images at

small dosage level are available in a significantly shorter time.

The patients are therefore saved inconvenient waiting time, and the otherwise usual examination time is reduced considerably.

Communicative

The X Twin X-ray system, which is developed and built in Germany, has of course all the modern interfaces to be able to work with the clinic's existing patient data management system (HIS/RIS)

and the digital image archive (PACS) with standard compliance.

Modern

The X Twin also shows itself as innovative in product design with the optional „Smart Light“. Thanks to the different lighting effects, which can be selected, a pleasant examination atmosphere is created. This helps the patient to overcome any fears of modern high-tech medicine.

„The fully-motorised X-ray system relieves our staff of tiring movements. Thanks to the automatic auto-tracking of tubes and detector, we can once again concentrate 100% on our patients“.

Barbara Heumann
Supervising MTRA



ROESYS is a mid-size enterprise registered in Espelkamp, a location steeped in tradition and home to numerous medical engineering enterprises operating in North Rhine-Westphalia. Development, manufacturing as well as the sales of X-Ray technology and state-of-the-art "Made in Germany" direct radiography systems are the key pillars of the company's business. ROESYS's products are in use in practices and hospitals in Germany and Europe and have proven their worth countless times in daily use.

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