

FERREX CR43 MED

AUTOMATIC IMAGE PLATE SCANNER

HIGHEST EFFICIENCY ON SMALLEST FOOT PRINT !

Discover the advantages of the digital radiography

- ✓ Cost Reduction
- ✓ Improved Handling
- ✓ Increased Efficiency



Software Med-Exam

The intuitive operation of the software console **Med-Exam** guarantees easy and safe working anytime. By means of easily understandable pictograms you select the correct examination in a second. The innovative architecture of the software allows the operation of different scanners on demand.

Full DICOM functionality is also self-evident as well as the connection with practice administration systems using BDT/GDT, HL7, and as proprietary interfaces. The fully automatically image optimization has been realized for individual quick results to your personal preference. But just in case you are not satisfied with automatically individualized image, a simple finger tip on the touch screen is sufficient.

Software cannot be easier than this.

Easy and fast achievement of perfect results with the innovative *Med-Exam*

Search function for comparison recording

Wide range of search tools allow a comparison of X-ray examinations, also from different patients.

Prosthesis planning (optional)

As an option there is also the possibility to provide an integrated prosthesis module for the surgery planning

Individualization of your software

Saves a lot of effort and support you with your diagnostics.

Configurable measuring magnifier

With help of the configurable measuring magnifier your diagnostic is being supported by reasonable additional functions.

FERREX GmbH

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www.ferrex-gmbh.de

www.pss-gruppe.de

www.dicom-cr.com



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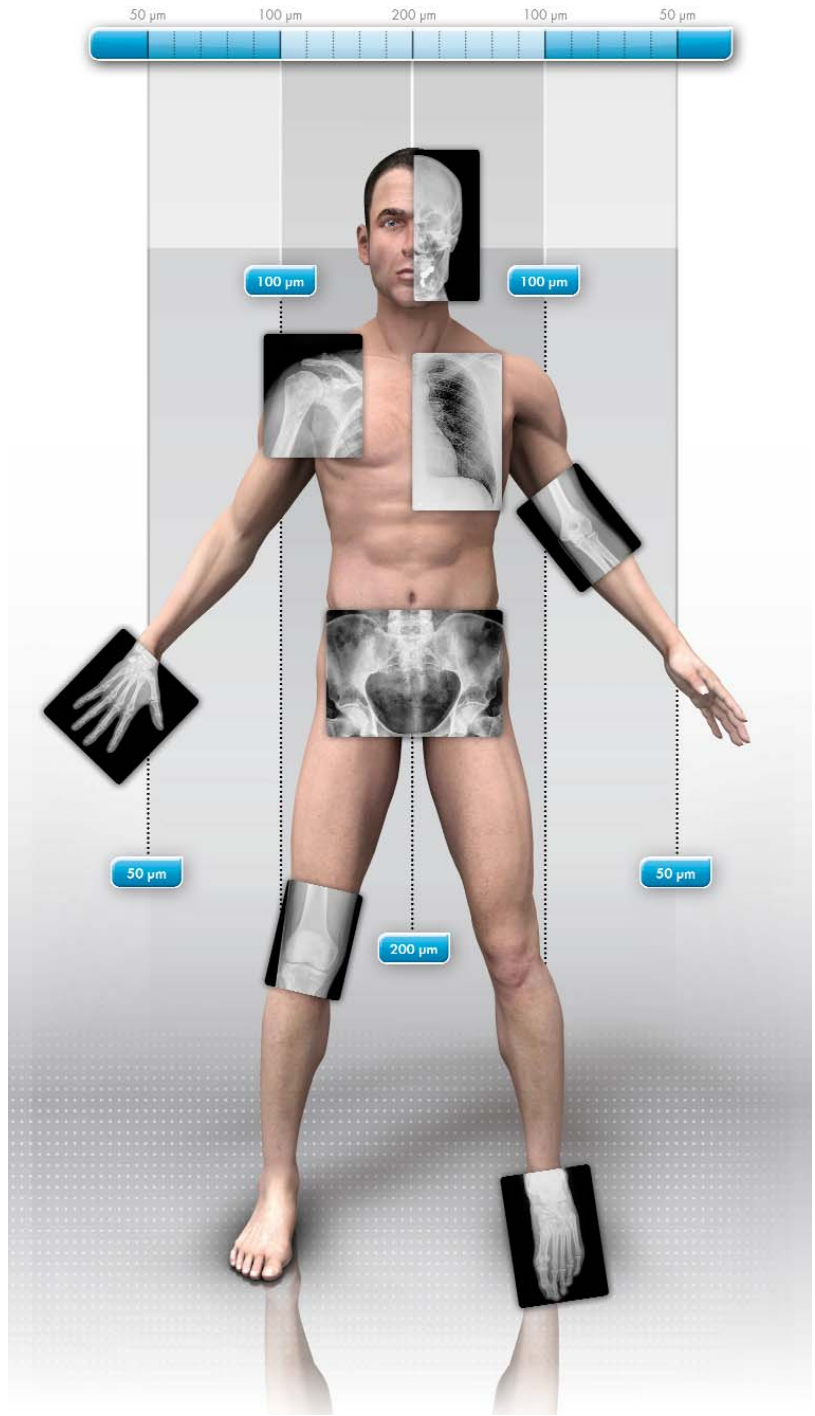
Computer radiography (CR) provides digital replacement of conventional X-ray film and at the same time offers huge advantages, because the consumption materials are nearly eliminated and the time to image can be reduced considerably.

As well as this the digital images can be used directly by other users and can be archived easily. The work process is greatly simplified and as the pictures can be optimised using the software, the analysis is also more safe.

The CR technology works in 3 steps. The Image (storage) Plate (IP) is exposed with X-ray or Gamma radiation, which causes the IP phosphoric layer in the plate to store the X-ray image.

During the reading process of the plate in the scanner, a focused laser beam triggers the release of the stored X-ray image data in the form of visible light. The emitted light is detected and captured, then converted into electrical signals which are digitized and finally displayed as digital images on the monitor of the associated computer.

The internal eraser purges the residual data from the IP, which is then ready for the next exposure.



CR 43 MED: Intelligent solutions smartly packaged

- ✓ Resolution selectable between 25µm and 200µm
- ✓ Adaptive erasing, according to the application
- ✓ Completely contact-free image plate transport
- ✓ Quick integration
- ✓ Smallest foot print of its class
- ✓ 25.000 scratch-free scans guarantee
- ✓ **MADE IN GERMANY**

SPECIFICATIONS

• Resolution:	Selectable between 25µm and 200µm
• Dimensions / weight:	(H x W x T) 113 x 41 x 46 cm, 56 kg
• Power Supply:	100-240 V / 50-60 Hz, max. 250 Watt
• Temperature range:	10 to 35° C
• Noise level:	< 39 dB(A)
• Software:	DÜRR MEDICAL <i>Med-Exam</i>
• Image plate sizes:	18 x 24 cm, 24 x 30 cm and 35 x 43 cm
• Max. cassetten / hour:	approx. 68
• Standards:	Laser class I (EN60825-1)



Image plate cassettes for **CR 43 Med** available in three sizes:

18 x 24 cm • 24 x 30 cm • 35 x 43 cm

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