

D 4000 RAD

Direct digital radiography-system



Top-class Digital Flat Panel acquisition and evaluation system based on TRIKELL PIXIUM 4600 flat panel system. Complete radiography system with operating console, high performance workstation and viewing monitor for all skeleton and chest examinations. The system is designed to replace conventional film radiography and CR systems.

Features:

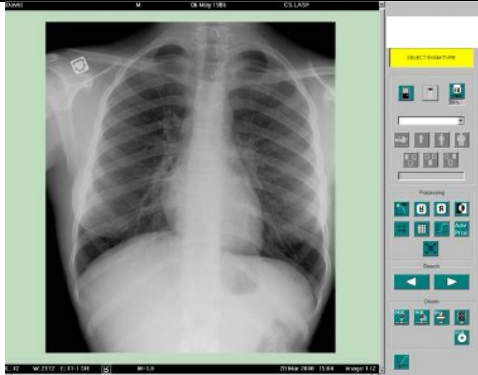
- Short examination time
- High patient through put
- Cost savings
- Excellent image quality
- Low patient dose



- Trixell Pixium 4600 flat panel system
- Complete examination incl. display in less than 5 sec.
- Eathernet network - DICOM 3 connectivity



Technical data

Detector	
Technology	Amorphous Silicon with Caesium Iodide Scintillator
Useful area	43x43 cm
Matrix size	3000x3000 pixel
Pixel size	143x143 µm
Pixel data	14 bits
External dimensions	556x488x45 mm
Weight	20 Kg
Generator interface /image control	
Exposure parameter	Dedicated Microprozessor for dose and generator interface
AEC cntrols	Intomatization chamber with 3 selectable areas for dose control
Automatic setting	Organ programs
Image processing and post processing	
Operating system	WINDOS 2000
Basic functions	Pentium Technology
Features:	Patientendata Management
	Image display: vertical, horizontal, 90 Grad
	Edge enhancement 3x3 to 11x11 Kernels
	Exams dedicated aquisition curve
	Windowing: contrast, brightness, grey-level reserve
	Zoom on detector and image
	Multi image overview display, 4, 9, 16 subdivision
	Electronic collimators adjustable
	Measuring Software: distance and angles
Desktop	
Options	
Digitale printer interface	Standard 3M digital printer Interface
DICOM storage service	Send images to Workstation or/and archivierung
DICOM print service	Print with film editor possible
DICOM CD R	Archiving of Patient CD-R directly from D 4000 Rad workstation
DICOM worklist	RIS Interface to receive the data patients list
Monitor	
	18" LCD Flat Panel

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