

● Medi-7000

Features

- 7 seconds per Chest X-Ray
- Covers various sizes of x-ray films from 2.5"x2.5" to 14"x35"
- Easy to operate, clean, and maintain
- Supports DICOM 3.0 and telemedicine with MiPAX



● Medi-6000 Plus

Features

- Automatic Film Feeder with 15-page capacity (optional)
- 12 seconds per Chest X-Ray
- No warm up time with LED light source
- Auto-crop & Auto-deskew



● Medi-5000

Features

- Mammography grade certified by CE MDD & TFDA
- 4.5 Dmax, 3200 dpi optical resolution (7.9 um spot size, 63 lp/mm)
- Smart-Scan to auto-crop multi-films scan at a time
- Provides customized templates to scan two films at a time



Specifications

Medi-7000

Medi-6000 Plus

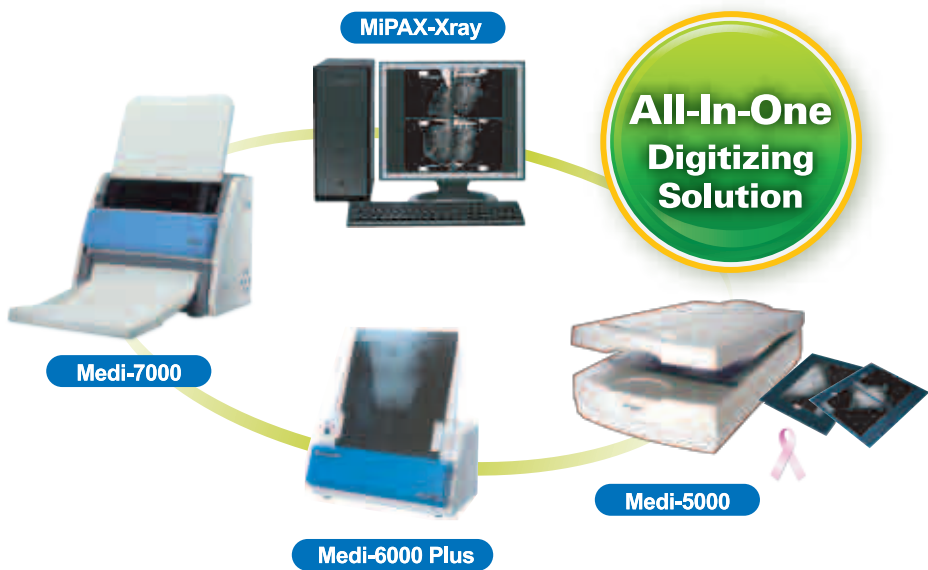
Medi-5000

Scanning Area	Film Scan Area Min: 2.5" x 2.5"(63.5 x 63.5 mm) Max: 14" x35"(355.6 x 889 mm)	Film Scan Area Min: 2.5" x 2.5"(63.5 x 63.5 mm) Max: 14" x35"(355.6 x 889 mm)	Film Scan Area 12" x 16" (305 x 407 mm)
Bit Depth	8/12/16-bit grayscale	8/12/16-bit grayscale	8/12/16-bit grayscale
Resolution	600 dpi (42 um spot size, 12 lp/mm)	600 dpi (42 um spot size, 12 lp/mm)	3200 dpi (7.9 um spot size, 63 lp/mm)
Dynamic Range	Transparency 0.12D~3.7D, 4.0Dmax	Transparency 0.12D~3.7D, 4.0Dmax	Transparency 0.05D~3.9D, 4.5Dmax
Light Source	LED	LED	LED
Scanning Speed	7 seconds,@ 300 dpi, 14" x 17"	12 seconds,@ 300 dpi, 14" x 17"	21 seconds @ 800 dpi, 24 x 18 cm
Connectivity	Hi-Speed USB (USB 2.0)	Hi-Speed USB (USB 2.0)	Hi-Speed USB (USB 2.0)
Scanable Media Types	Transparent	Transparent	Transparent, Reflective
Supported Film Types	Min: 2.5" x 2.5"(63.5 x 63.5 mm) Max: 14" x35"(355.6 x 889 mm)	Min: 2.5" x 2.5"(63.5 x 63.5 mm) Max: 14" x35"(355.6 x 889 mm)	Mammography films 18 x 24 cm , 24 x 30 cm
Dimensions (L x W x H)	330 x 526 x 435 mm (without tray) 738 x 526 x 696 mm (with tray)	305.64 x 474 x 234.5 mm (without tray) 590 x 483 x 307 mm (with AFF tray)	627.6 x 367.2 x 180.5 mm
Weight	38.58 lbs (17.5 kg)	19.18 lbs (8.7 kg)	35.49 lbs (16.1 kg)
Certifications	CE0120, FDA, SFDA, TFDA(003518), CCC	CE0120, FDA, SFDA, TFDA(003518), CCC	FDA (pending), SFDA, BSMI, CB, ETL,FCC, RoHS CE0120 & TFDA (mammography grade)
Power Source	AC 100V ~ 240V, 47 ~ 63 Hz	AC 100V ~ 240V, 47 ~ 63 Hz	AC 100V ~ 240V, 47 ~ 63 Hz
Power Consumption	54.9 Watts	54.9 Watts	54.9 Watts
System Requirements PC	CD-ROM drive (for installing software) 2 GB RAM or more Pentium IV PC or higher with USB port Microsoft Windows XP/ Vista/ Windows 7/ 8	CD-ROM drive (for installing software) 2 GB RAM or more Pentium IV PC or higher with USB port Microsoft Windows XP/ Vista/ Windows 7/ 8	CD-ROM drive (for installing software) 2 GB RAM or more Pentium IV PC or higher with USB port Microsoft Windows XP/ Vista/ Windows 7/ 8



MiPAX Xray

Medical Imaging Systems



MiPAX-Xray Workstation

CE Certified Medical PACS

Microtek is pleased to introduce its CE MDD certified PACS and medical digitizers, including the Medi-5000, Medi-6000 Plus, and Medi-7000 that were certified by FDA as well. The digitizers and the MiPAX-Xray have designed as the total solution for X-Ray films digitizing with DICOM ready function. It can be not only a digitizing workstation in small clinics but also a gateway to connect to PACS in large hospitals.

There are two digitizing solutions for the MiPAX-Xray workstations, including general X-Ray films workstations with Medi-6000 Plus/Medi-7000, and mammography workstation with Medi-5000. MiPAX-Xray gives medical professionals document/film scanning solutions with many powerful features and great image quality at an affordable price. Equipped with high optical resolution, excellent Dmax, and 16-bit grayscale, MiPAX-Xray systems ensure that your scans will capture all the details presenting in light and darkness areas, offering the superior image quality to the medical professionals. The systems are able to scan various sizes of X-Ray films up to 14" x 35"(Medi-6000 Plus/Medi-7000), letting medical professionals easily archive any size of X-Ray films. With designed compact size, the digitizers are perfect for limit space of doctor's office and quality check station. The systems are easy to operate, clean, and maintain.

In addition, through MiPAX systems with DICOM ready function, you can easily and quickly make medical images digitized or archiving with many features to support query, retrieve, view, measurement, notation, report, DICOM print, DVD-burning, database backup, and send DICOM files to any PACS/RIS system from any medical department

Features

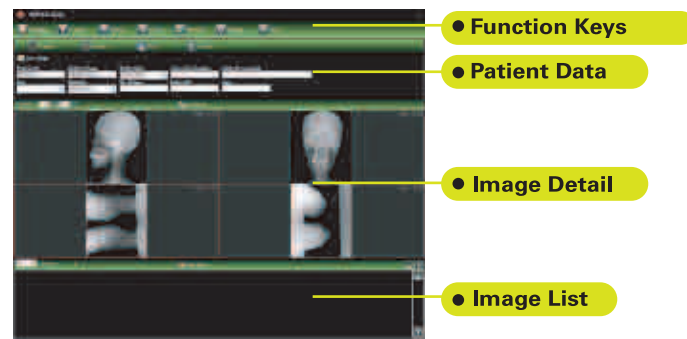
- Customized digitizers for mammography, and large size X-Ray films
- Customized templates for mammography films (Medi-5000)
- Covers various sizes of x-ray films upto 12"x16" (Medi-5000), 14"x35" (Medi-6000 Plus / Medi-7000)
- Supports DICOM 3.0 standard for data converting and transferring
- Supports JPEG 2000 lossy, and lossless data compression



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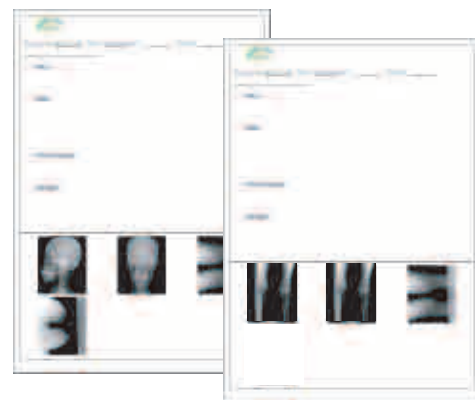


Built-in Image Tools



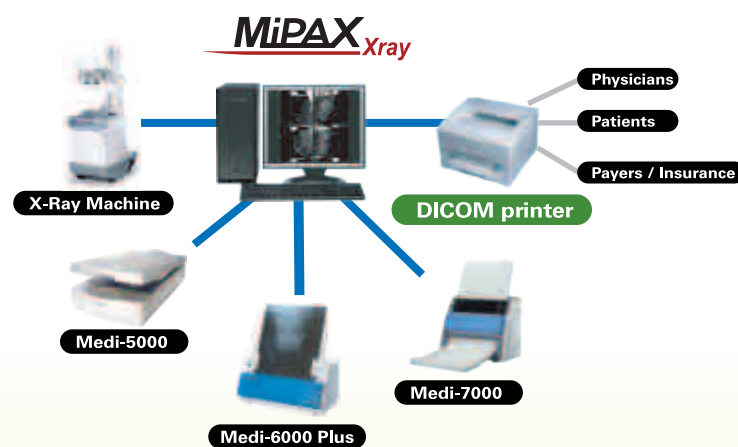
Built-in image adjustment and measurement tools
Support image display mode: normal and compare

Report Format

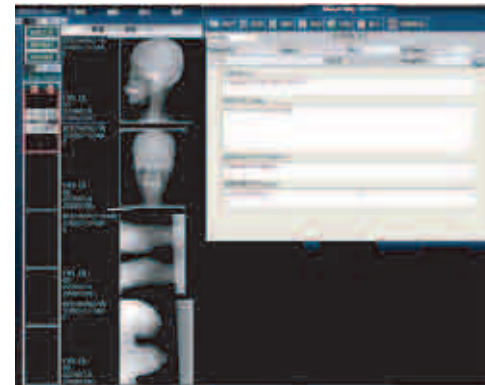


Customized report formats

Supports DICOM Printers

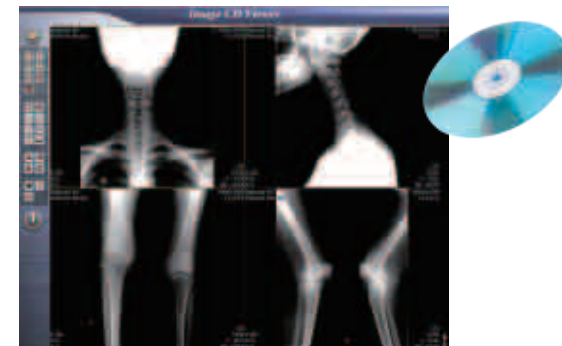


Built-in Fast Reporting Module



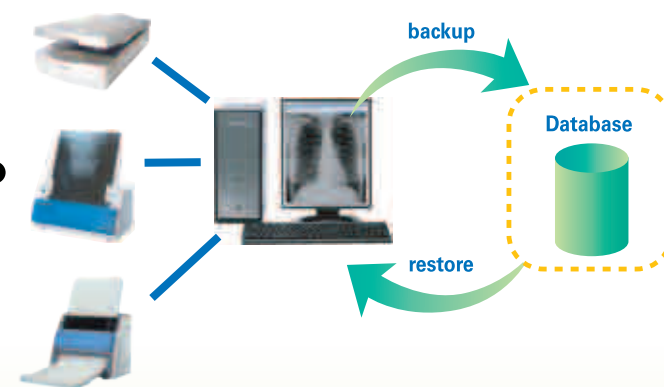
By built-in medical lexicon and pre-defined reporting templates, users can create reports in seconds.

Built-in CD Viewer



DVD-burning in DICOMDIR Format to review with built-in CD Viewer

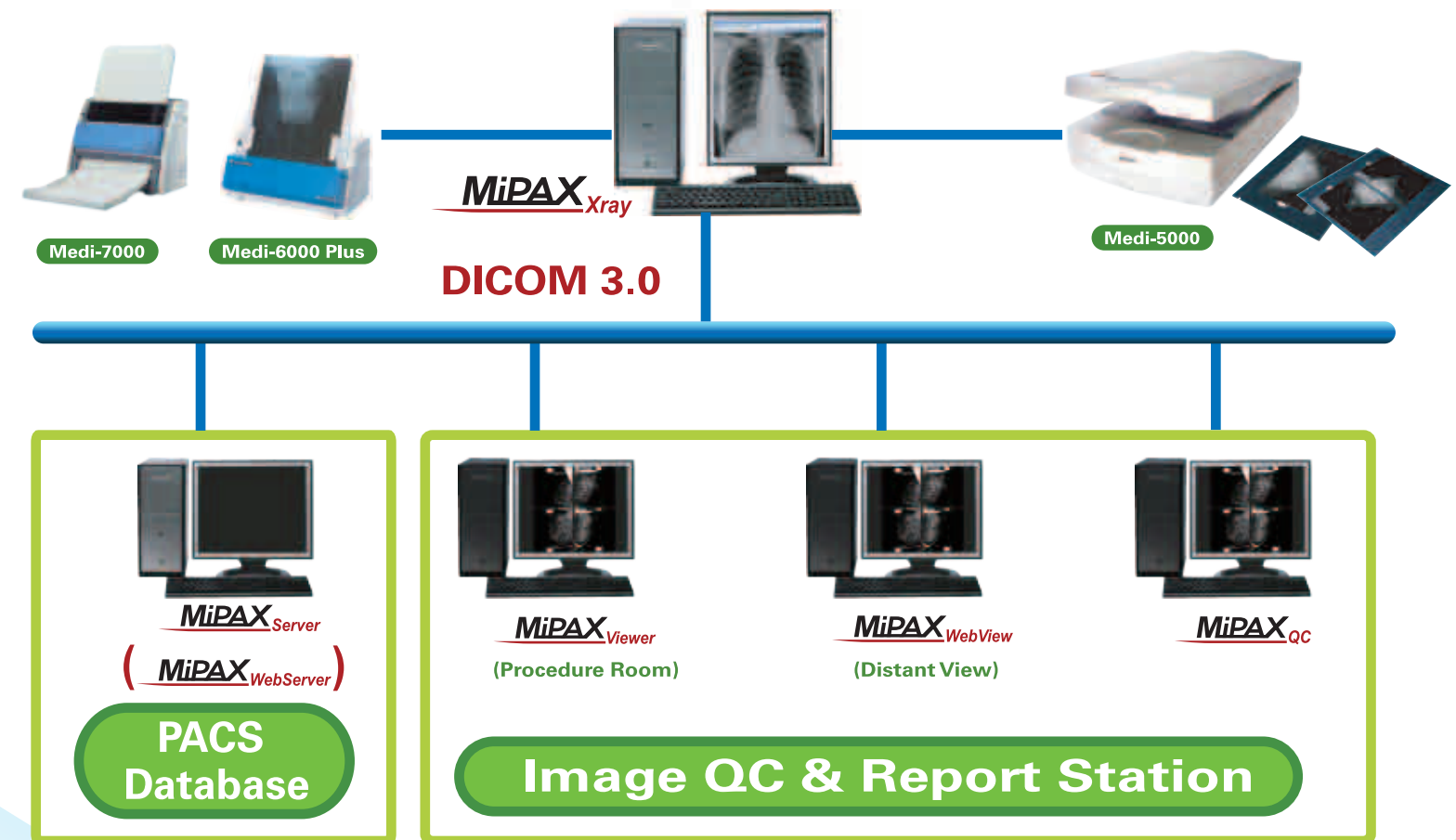
Supports Database Backup and Restore



Secure database backup and restore efficiently

Directly Uploads Files to PACS / RIS Server

MiPAX-Xray Workstation



Major Features for MiPAX-Xray Workstation

- Plug and play image digitizing, acquisition, and reporting Workstation
- User-friendly image digitizing interface
- Customizable medical lexicon to shorten reporting time efficiently
- Upload images to PACS/RIS server for long term storage and review
- Supports connection to HIS through broker
- Patient information and scheduling management
- Exam local database creation
- Excellent image quality with image administration functions
- Convenient image archiving and retrieval management