



Medical Imaging Systems



**Hi-speed
X-ray Digitizer
7 Seconds**

High-speed Scanning — 7 Seconds per Chest X-ray

Microtek medical grade digitizer, the Medi-7000, can rapidly digitize Chest X-ray film in 7 seconds. Adopted with the technology of LED light source, the Medi-7000 can reach full brightness and instant operation immediately. The energy-saving Medi-7000 is perfect for fast-paced environment of the doctor's office, QC Station and PACS.

The Medi-7000 can scan various sizes of X-ray films up to 14" x 35", letting users easily archive X-ray films in digital records. Equipped with a superior optical resolution, a higher Dmax, and the 16-bit grayscale, the Medi-7000 ensures that the each scan can capture the details presenting in the film and thus offers the superior image quality to the medical professionals. It provides not only great image quality but also many powerful software features for image management at an affordable price.

Besides, it is easy to operate, clean, and maintain. In addition, through the MiPAX systems with DICOM ready function, users can easily and quickly make medical X-ray digitized. MiPAX also supports telemedicine by sending DICOM files to any PACS/RIS system through intranet or internet.



Features

- CE MDD, FDA certified
- 7 seconds per scan for Chest X-ray
- No warm-up time with LED light source
- 4.0 Dmax, 600 dpi optical resolution
- Archives X-ray films from 2.5" x 2.5" to 14" x 35"
- Supports DICOM 3.0 and telemedicine with optional MiPAX
- Easy to operate, clean, and maintain
- Offers better quality, performance, and secure e-medical records

MICROTEK
DICOM READY

Instant Scan without Warm-up Time

Adopting LEDs as the light source, there is no need to warm up before carrying out the scan, which boosts your productivity and reduces energy costs amazingly.



7 Seconds per Scan for Chest X-ray

The Medi-7000 increases your productivity at fast scanning speed. Anyone can finish the digitization of a Chest X-ray film (14" x 17") in 7 seconds at 300 dpi.

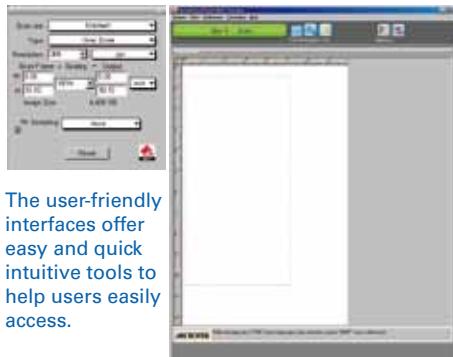


Automatic Scanning

The Medi-7000 offers increasing productivity for X-ray film digitizing with an auto-scan function, which enables the Medi-7000 to detect the X-ray film on the tray automatically and to perform a smart scan directly without any setting hassles. It helps you to run scans efficiently.

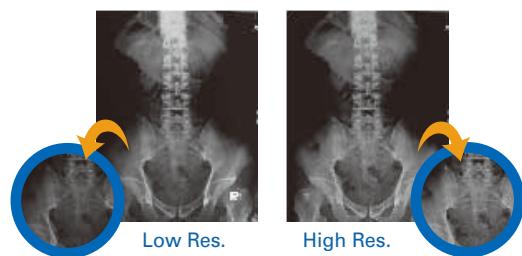
ScanWizard Medi Software

ScanWizard Medi is exclusively for Microtek X-ray film digitizers, allowing to capture X-ray images in digital format. It features many image controls, such as auto-crop, auto-deskew, auto-density, auto-scan, and custom exposure, making that digitizing of X-ray film is easy, fast, and complete.



Superior Image Quality

With a superior optical resolution of 600 dpi, the 16-bit grayscale, and a high optical density of 4.0 Dmax, the Medi-7000 is able to capture a wide range of gray tones, providing excellent details when digitizing X-ray films.



Supports PACS/RIS with Powerful Medical Systems of MiPAX

Through the MiPAX systems with DICOM ready function, you can easily and quickly make X-ray films being archived with many powerful features, including query, retrieve, view, measurement, notation, report, DICOM print, CD-burning, database backup, and send DICOM files to any PACS/RIS system.



MiPAX-Xray Workstation

Specifications

Product Model	MSS-600XU2LT
Scanner Type	Sheet-fed digitizer
Image Sensor	CCD
Optical Resolution	600 dpi (42 µm spot size, 12 lp/mm)
Light Source	LED
Scanning Area	Min: 2.5" x 2.5" (63.5 x 63.5 mm) Max: 14" x 35" (355.6 x 889 mm)
Scanning Speed	7 seconds @ 300 dpi, 14" x 17"
Scanning Mode	8 / 12 / 16-bit grayscale

Dynamic Range	0.12D ~ 3.7D, 4.0 Dmax
Connectivity	Hi-Speed USB (USB 2.0)
Dimensions (L x W x H)	330 x 526 x 435 mm (w/o tray) 738 x 526 x 696 mm (w/ tray)
Weight	38.58 lbs (17.5 kg)
Power Supply	AC 100V-240V, 47-63 Hz, 1.5 A (Max.)
Power Consumption	54.9 Watts (Max.)
Certifications	CE 0120, FDA, SFDA, TFDA, CCC

System Requirements

- CD-ROM (for installing software)
- Color display with 24-bit color output capability
- 2 GB RAM or more
- Pentium IV PC or higher with USB port
- Windows XP / Vista / 7

Scanning with MiPAX-Xray (optional)

- DVD-RW drive
- 19" (4:3 / 1280 x 1024) of monitor
- Intel® Core2 Duo Processor E7400 at 2.80 GHz or above PC
- 2 GB DDR2 RAM at 800 MHz
- 250 GB of hard disk
- Gigabit Ethernet LAN
- Windows® XP Professional SP3

For more details on product, please contact your local Microtek sales or dealers.



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