



**Teleradiology ready film digitizer**

**First DICOM ready Film Digitizer**

**Simple in operation, no training is required**

**Superior image quality**

**Fast Digitization**

**High productivity**

**Complete turn key solution**

**Require no calibration**

**Most user friendly**

**Negligible maintenance**

**Reliable in operation**

**No film jams**

**Unique table top design**

**Based on advanced CCD technology**

**Low on cost / Affordable**



**Under Patent Protection**

**Specifications :**

Overall Resolution	Pixel Resolution (14x17 Fillm )	Digitizing Speed
2K x 2.5 K	1903 x 2346	12 Seconds
Bit Depth	16 bits output	
Grayscale Resolution	65536 shades of Gray	
Scan Cycle	24 seconds ( 14x17 film size)	
Accepted Film Sizes	14x17,14x14,10x12,11x14,8x10	
Power Requirements	Voltage 220v – 240v , Frequency 50/60 Hz	
Dimensions	L – 24" B – 24" H – 29"	
Detector	Advanced CCD	
Weight	Appr. 30 KG	
Illuminator	CCFL / CFL	

Specifications are subject to change without notice



## Workstation Software Specifications

### IMAGE PROCESSING

- Image Processing features like W/L, Brightness & Contrast, Zoom, Pan, Inverse, Flip, Rotate, Reverse, Crop etc. available
- Annotations like arrow, text markers, lines, circles can be done on images
- Linear, Angular measurements and Area calculations
- Simultaneous processing of all images by mouse
- Several image enhancement filters for increasing the quality of images
- Viewing Matrices
- Angular Rotation
- Rectangular, Elliptical or Freehand image cropping
- PIP (Picture in Picture) - Highlight area of interest as a PIP
- Magnifying Glass

### DICOM PRINT

- eXRay can print to any DICOM film Printer
- Print on any film size in Landscape or Portrait
- Unique feature - Create your own format for film printing
- All processing features available
- Configure multiple DICOM printers
- Flexible Header and Footer printing
- Print icon and borders on film
- Print Patient Photo on film
- Insert complete series or all images to the print layout

### PAPER PRINTING

- User can print images to a Windows Inkjet or Laser Printer
- Very Cost effective method to print images
- Print images in various formats

### CD / DVD WRITING\*

- Direct CD / DVD Writing can be done
- Autorun CD Viewer implanted on each CD with Clinic and Patient Details

### TELERADIOLOGY\*

- eX-Ray Box is a complete Teleradiology Ready package
- Converts normal conventional X-Ray film into very high resolution (diagnostically acceptable) digital X-ray
- Images can be transferred to a secure Teleradiology server through normal telephone line or internet
- Image transfer to Teleradiology server on one click
- Images can be viewed and reported by a radiologist from any remote location

### ARCHIVE

- eX-Ray box can be used as the cheapest x-ray film archiving system
- You can store thousands of X-ray films on the hard drive without occupying any physical space
- No need to keep films which occupy unnecessary space and go missing

### DICOM CONNECTIVITY

- DICOM SEND to PACS or other DICOM workstations can be done.

### Workstation Hardware Configuration

- Dual core processor
- 160 GB HDD, 1 GB RAM
- Modem, NIC card
- CD / DVD writer
- O.S. - Windows XP



business partner



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