

Workflow Management

Optical De

HeNe Laser

DICOM Storage Service

12 Bits

2905 Laser Film Digitizer



2905



Technically Superior Engineering

Array's 2905 Laser Film Digitizer is the equipment of choice for users who demand the highest diagnostic image quality for DICOM secondary capture. This is possible through a variety of user selectable scan options that include...

- Pixel spacing, between 50-500 micrometers
- Optical density up to 4.0
- Variable bit depth... 8, 10 or 12 bits
- Speed, standard or quality scan transport rates

The 2905 is extremely fast, scanning a 14 X 17 film at 2K resolution in as little as 7 seconds. Preview films to be digitized with 'ScoutScan', or set the 2905 to recognize specific film studies that crops unnecessary borders. Integrate the 2905 with your HIS/RIS, as the 2905 supports Worklist Management. Add an optional 100 sheet autfeeder to scan multiple films.

Using only the finest materials, the 2905 is built to last. The 2905 is constructed with an all steel frame and heavy metal closed housing to protect the laser and optics. Coupled with a one year parts warranty and the best service support network, you are assured years of reliable worry free use.

2905 Laser Film Digitizer

'DICOM Scan'... A User Friendly Interface Allowing Total Control...

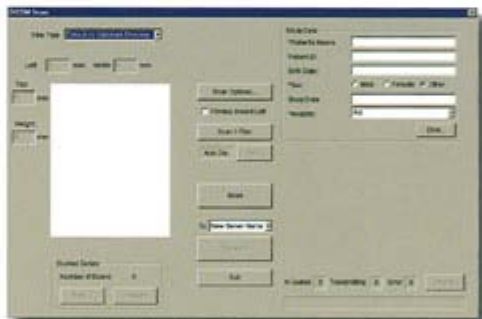


A simple, yet powerful configuration utility to control how your images are scanned...

Assign single or multiple server destinations... Choose from multiple 'Study Data Toggle Fields' to add or edit Referring and Reading Physicians, Modalities, Body Parts, along with other required and optional DICOM fields...

An intuitive interface that makes 'DICOM Scan' a breeze to operate...

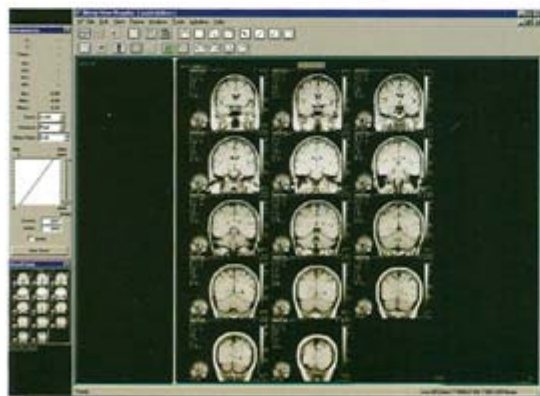
The choices for scanning and sending films are simple and straightforward... Input of patient demographics is possible either manually or through a 'Worklist Management' interface...



Automated scanning and viewing tools...

'DICOM Scan' includes 'AutoDivision', a function that instantly recognizes CT, MRI and other multi-formatted films and then saves each frame as an individual image within the series...

Combined with 'Array View Lite', the viewing and reading application that is included with 'DICOM Scan', the radiologist can choose to view these studies as full size films or 'walk' through the stack one frame at a time...



2905

Technical Specifications



Shown right with optional 100 sheet Autofeed



Model number	2905
Light Source	He Ne Laser, (632.8nm)
Sensor	Photomultiplier
Density Range (Optical Density)	0.0 - 4.0
Pixel Depth	4096
Bit Depth	12
Sampling Pitch	50 μ m - 500 μ m (at 1 μ m steps)
Optical Resolution	50 μ m
Memory	128 Megabytes, (on board)
Scan Speed	7 seconds 200 μ m
Film Sizes (in inches)	8 x 10 - 14 x 17
Interfaces	SCSI, SCSI II, Twain
Operating System (DICOM Scan)	Windows 95/98/NT/2000, Mac, Unix
Network (DICOM Scan)	DICOM Storage Service Class
Dimensions (HxWxD in inches/millimeters)	13 x 21 x 30 / 330 x 526 x 764
Weight (in pounds/kilograms)	99.2 / 45
Power	100 - 120V, 200 - 240V 50/60Hz
Options	100 Sheet Autofeeder

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