

DICOM 2905 Laser Film Digitizer

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/DICONDE 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 4.7
- Variable bit depth - 8, 10 or 12 bits
- Self-calibrating

Unsurpassed Utility

- Primary diagnosis
- Relevant priors
- Digital duplication
- Teaching files
- Industrial NDT/NDE



The 2905 is extremely fast, scanning at a 14 x 17" film at 2K resolution in as little as 7 seconds. In its 6th generation, the 2905 Laser Film Digitizer uses advanced logics to self-calibrate every time the system is powered up. The feed system was designed to minimize the influence of dust or dirt, ensuring optimal scan quality.

The 2905 addresses a wide choice of applications, such as medical, relevant priors, primary reads, digital duplicates, or output for teaching files. The 2905 is also capable of reading densities up to 4.7 O.D.,

making it the gold standard for industrial imaging. The 2905 is one device capable of many tasks.

Add an optional 100-sheet autofeeder to scan multiple films.

Using only the finest materials, the 2905 was 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 1-year parts warranty and the best service support network, you are assured years of reliable, worry-free use.

Dan Guerrero

President

dan@willick.com

Tel 562.946.4242
Fax 562.946.0998

Santa Fe Springs, CA

800-756-2626
www.willick.com

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DICOM 2905 Laser Film Digitizer

Simple to Maintain

The 2905 has included several new features that reduce service time while strengthening reliability.

Technical Specifications



Shown above with optional 100-sheet Autofeeder

Model Number	2905
Light Source	He Ne Laser (632.8 nm)
Sensor	Photomultiplier
Optical Density Range	0.0 ~ 4.3, or 0.0 ~ 4.7 (2905 HD)
Pixel Depth	4096
Bit Depth	8, 10, or 12 bits (user selectable)
Sampling Pitch	50 μ m - 500 μ m (at 1 μ m steps)
Optical Resolution	50 μ m
Memory	24 Megabytes (on board)
Scan Speed	7 seconds, 200 μ m
Film Sizes (in inches)	8 x 10 ~ 14 x 51
Interface	USB
Operating System (DICOM Scan Pro Plus)	Windows® XP or Vista®
Network (DICOM Scan Pro Plus)	DICOM Storage Service Class DICONDE (2905 HD)
Dimensions (H x W x D in inches/centimeters)	13 x 21 x 30 / 33 x 52.6 x 76.4
Weight (in pounds/kilograms)	99.2 / 45
Power	100~120Vac, 50/60Hz
Options	100-sheet autofeeder

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