

# DICONDE 2905 Laser Film Digitizer

## Technically Superior Engineering



Array's 2905 Laser Film Digitizer is the equipment of choice for users who demand the highest attainable 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

- Principle Interpretation
- Relevant History
- Digital Duplication
- Teaching Files
- Portable/Mobile



MEDICAL X-RAY SYSTEMS  
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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 relevant history, principle interpretations, 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.

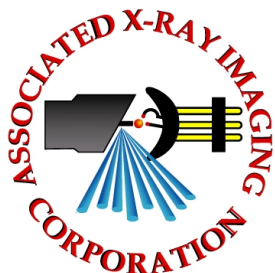
# DICONDE 2905 Laser Film Digitizer

## Simple to Maintain



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

## Technical Specifications



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Shown above with optional  
100-sheet Autofeeder

|   |  |
|---|--|
| <b>Model Number</b>                                 | 2905   |
| <b>Light Source</b>                                 | He Ne Laser (632.8 nm)                           |
| <b>Sensor</b>                                       | Photomultiplier                                  |
| <b>Optical Density Range</b>                        | 0.0 ~ 4.3 or 0.0 ~ 4.7 (2905 HD)                 |
| <b>Pixel Depth</b>                                  | 4096   |
| <b>Bit Depth</b>                                    | 8, 10, or 12 bits (user selectable)              |
| <b>Sampling Pitch</b>                               | 50 $\mu$ m - 500 $\mu$ m (at 1 $\mu$ m steps)    |
| <b>Optical Resolution</b>                           | 50 $\mu$ m                                       |
| <b>Scan Speed</b>                                   | 7 seconds, 200 $\mu$ m                           |
| <b>Film Sizes</b> (in inches)                       | 8 x 10 ~ 14 x 51                                 |
| <b>Interface</b>                                    | USB  |
| <b>Operating System</b><br>(DICOM Scan Pro Plus)    | Windows® Vista®, Win 7®, 32 or 64 bit            |
| <b>On Board Memory</b>                              | 24 Megabytes                                     |
| <b>Network</b><br>(DICOM Scan Pro Plus)             | DICOM Storage Service Class<br>DICONDE (2905 HD) |
| <b>Dimensions</b> (H x W x D in inches/centimeters) | 13 x 21 x 30 / 33 x 52.6 x 76.4                  |
| <b>Weight</b> (in pounds/kilograms)                 | 99.2 / 45  |
| <b>Power</b>  | 100~120Vac, 50/60Hz                              |
| <b>Options</b>                                      | 100-sheet autofeeder                             |