



## NDT PRO Industrial Film Digitizer

**High quality, cost effective NDT alternative for digitizing radiographic film**

- Lighter, smaller footprint
- High definition CCD (HD-CCD™) solid state, ADC ensures image quality
- No image variation, exceptional grayscale reproduction
- Meets ISO 14096 & ASME Section V standards Class DA, DB, DS slow mode  
0.5-4.5 OD



The **NDT PRO Industrial Film Digitizer** is the first non-medical film digitizer produced by VIDAR. It provides a low-cost alternative to expensive laser scanners currently used throughout the industry.

Developed at the request of one of VIDAR's major long-time partners who was looking for an alternative to the laser technology, the NDT PRO offers the industry a product that not only carries a smaller price tag, but also is much lighter and leaves a smaller footprint.

Additionally, it flaunts VIDAR's renowned High Definition-CCD (HD-CCD™) solid state technology, as well as its unique ADC (Automatic Digitizer Calibration) feature. This feature makes certain there is virtually no variation in image quality and ensures excellent grayscale reproduction in every image.

Unlike other digitizers that require at least biannual calibration and/or cleaning, VIDAR digitizers need no maintenance or calibration, adding even more to their cost-effectiveness and advantages over competition.

**Comparison Charts**

Feature	HD-CCD	Laser/PMT
Image Capture	Scan Line	Flying Spot
Dynamic Range	Very Good	High
Reliability	High	Medium
Price	Lower	High
Maintenance Cost	Low	High

Parameter	Class DA Requirement	Class DB Requirement	Class DS Requirement	VIDAR NDT PRO	Array 2905HD
Optical Density Range	0.5-3.5	0.5-4.0	0.5-4.5	0.5-4.5	0-4.7
Digital Resolution (bits)	≥10	≥10	≥12	16	12
Density Contrast Sensitivity	≤0.02	≤0.02	≤0.02	0.02	0.02
Spatial Resolution (lp/mm) (≤100 kV)	≥3.6	≥5	≥16.7	6	9
Pixel Size (μm) (≤100 kV)	≤70	≤50	≤15	44.6	50
Weight (kg)	-	-	-	21	45