

VIDAR NDT Pro with TigerView Software

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X-Ray Film Digitizer for Non-Destructive Film



Cost Effective Alternative to Digitize Film

The NDT PRO Industrial Film Digitizer is specifically designed to meet the stringent needs of the non-destructive test market. It addresses the unique needs of aerospace, petrochemical and other industrial testing with a lower-cost alternative to the expensive laser scanners currently used throughout the industry.

With VIDAR's next-generation proprietary High Definition CCD (HD-CCD) technology, and its unique ADC (Automatic Digitizer Calibration) feature, there is virtually no variation in image quality and ensures excellent grayscale reproduction in every image. Unlike other digitizers that require biannual calibration and/or cleaning, VIDAR digitizers need no maintenance or calibration, saving substantial dollars annually.

VIDAR's NDT PRO features:

- HD-CCD solid-state technology
- Removable/field replaceable LED long-life light source
- Digitizes up to 25 mixed-sized films in batch mode, allowing more productivity and greater efficiency
- Requires no biannual calibration, cleaning, or maintenance saving substantial dollars annually

TigerView Image Management Software stores digital images from CR and DR, as well as digitized images from VIDAR NDT PRO all in one database for easy retrieval, review and sending. TigerView's enhanced viewer provides tools for magnification, NDT specific measurements, rotation, and enhancement viewing options such as colorized density and image negation.



Small foot print and lightweight



Handles film from 2.36" to 14" wide by 8" to 51" long



HD-CCD solid-state technology



Removable/field replaceable LED long-life light source

ISO
14096

0.5 to 4.0 OD, based on ISO 14096



11 line pairs per mm with geometric accuracy better than 1% or two pixels, whichever is greater, in both axes



Digitize up to 25 mixed-sized films in batch mode, allowing more productivity and greater efficiency

Call us for an in-office demo today.

1-800-385-9593

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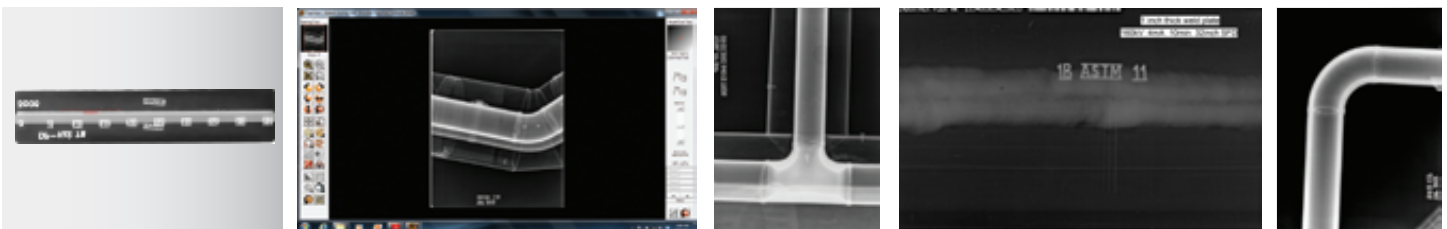
X-Ray Film Digitizer for Non-Destructive Film



SPECIFICATIONS

Nominal Resolution	Pixels (14" x 17" film)	Spot Size (µm)	DPI	Line Pairs Per mm	Digitizing Speed
2K x 2.5K*	2100 x 2550	170	150	3	27.8 seconds
4K x 5K	4200 x 5100	85	300	6	55.6 seconds
8K x 10K	7980 x 9690	44	570	11	105.6 seconds
Optical Density Range	0.5 to 4.0, based on ISO 14096				
Bit Depth	8, 12 & 16 bit grayscale output				
MTBF	≥50,000 hours				
Film Sizes	Width: 2.36" to 14" Length: 8" to 51" Specialty film sizes quoted are in single-sheet mode Auto feed supports 8" x 10" up to 14" x 17" sizes				
Auto Film Feeder	Standard 25-film capacity (mixed sized – no presorting necessary) "Light Box" loading: head-up, normal reading, left justified				
Translation Tables	Linear OD				
Geometric Accuracy	Better than 1% or 2 pixels, whichever is greater, in both axes				
Scan Rate	92 lines/second				
Hardware Interface	USB 2.0				
Software	Windows® scanning modules and software development tools available				
Power Requirements	Voltage: 85~264 Vac Frequency: 47~63 Hz Power: ≤100 Watts				
Operating Environment	50° to 95° F (10° to 35° C), 20% to 85% relative humidity, non-condensing				
Storage Environment	0° to 140° F (-18° to 60° C), 20% to 85% relative humidity, non-condensing				
Illuminator	LED Illuminator				
Detector	Solid-state, next-generation High Definition CCD (HD-CCD®)				
Dimensions	With Feeder & Exit Tray: 19" W x 22¾" D x 32½" H (48 cm x 58 cm x 83 cm) Without Feeder & Exit Tray: 19" W x 15" D x 12" H (48 cm x 38 cm x 32 cm) Shipping: 24" W x 29" D x 24" H (61 cm x 74 cm x 61 cm)				
Weight	45 lbs. (21 kg); shipping weight: 65 lbs. (27 kg)				

Specifications are subject to change without notice.



For complete product information, visit televeresystems.com.