



NEXT GENERATION X-Ray Film Digitizing Solution



NDT PRO INDUSTRIAL FILM DIGITIZER

***NEWLY ENGINEERED TO HANDLE BOXED-CURLED ROLL FILM - IMPROVED DATA MANAGEMENT WORKFLOW FOR INSPECTION SERVICES**

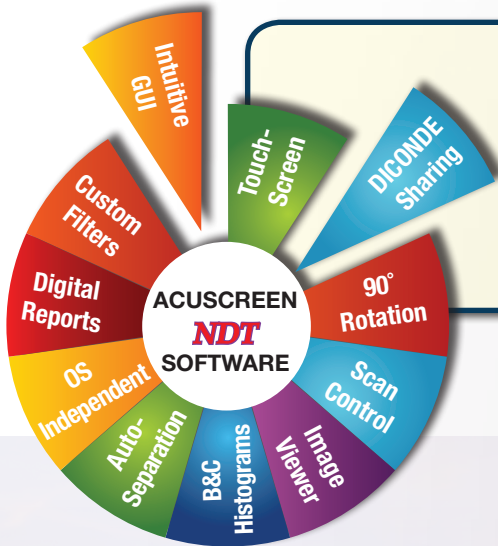
Accuracy: 11 live pairs per mm; accuracy better than 1%, or 2 pixels, whichever greater, both axes

High Definition CCD solid state, Automatic Digitizer Calibration for consistent image quality & excellent gray scale

Field replaceable LED long-life light source

Holds up to 25 mixed-sized films for productivity

ISO 14096/ASME Section V standards, Class DA, DB & DS in slow mode, 0.5-4.5 OD




ACUSCREEN NDT PRO SOFTWARE

Inspection Service (IS) functions for accurate and faster database searches

Follows analog workflow for Level II/III Inspector familiarity

100% DICONDE compliant/compatible with 3rd party s/w

MULTI-STRIP FILM FEEDER

Increases  throughput up to 5x

Fast workflow

Optional Film Slot Widths



Multi-Strip Film Feeder



VIDAR NDT PRO

INDUSTRIAL FILM DIGITIZER

Nominal Resolution	Pixels (14"x17" film)	Spot Size (um)	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	55.6Seconds
8K x 10K	7980 x 9690	44	570	11	105.6 Seconds

SPECIFICATIONS

Optical Density Range	0.5 to 4.5, 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 22 ¾" D x 32 ½" 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" L x 24" H (61 cm x 74 cm x 61 cm)
Weight	45 lbs. (21kg); shipping weight: 60 lbs. (27 kg)

Specifications are subject to change without notice



NDT PRO Film Digitizer, AcuScreen NDT PRO Software, and Multi-Strip Film Feeder solution is distributed exclusively in North America by GNB INTERNATIONAL