MII-800XL plus

All-In-One NDT/RT Solution

Hi-Speed NDT/RT Digitizing System

Microtek hi-speed NDT/RT Digitizing System, the MII-800XL Plus, provides a fast and reliable RT film image digitizing in just seconds. With the advanced technology of the warm up free LED light source, the MII-800XL Plus can reach full brightness and operate on/off immediately. The energy-saving MII-800XL Plus is perfect to archive amounts of NDT/RT films efficiently and to improve the electronic industrial records effectively.

Besides, the professional digitizing system of MII-800XL Plus can easily transfer many NDT/RT films into digital formats per scanning job. Simply using customized templates, the MII-800XL Plus can easily carry out the auto-crop function to scan multi-films at a time.

In addition, it captures details in bright and dark areas at a high optical resolution of 3200 dpi (7.9 µm), 4.7 Dmax, and 16-bit grayscale. It provides the NDT/RT professionals a smart and easy way to digitize the NDT/RT films.

Furthermore, the system contains a powerful image management software, MiiNDT, which developed specifically for radiographic inspection industry. MiiNDT has a state of the art user interface for users easy to use. The data format of MiiNDT including date, project number, target number, and other related information, is qualified for ASTM standard and DICONDE format. MiiNDT also provides many image adjustment and measurement tools to capture, inquire, and measure images. In addition, MiiNDT provides functions for images notations, report editing, CD-burning, transmitting, and converting to DICONDE format. MiiNDT makes NDT/RT images easier to archive, review, and share. MiiNDT also supports printing as 100% real size of original image that is very convenient for engineers to find the defect part immediately at operating site. It is a time-efficient and effective solution for industrial image management.

- Fast scanning speed & warm up free with LED light source
- 4.7 Dmax, 3200 dpi optical resolution (7.9 um spot size, 63 lp/mm)
- Provides customized templates to scan multiple films at a time
- Provides powerful image management, including image archiving, inquiry, measurement tools, notation, CD burning, transferring, converting to DICONDE format, etc.
- Conform to ASTM international standard & DICONDE format
- Easy to operate, clean, and maintain
- Offers excellent image quality, performance, and secure records

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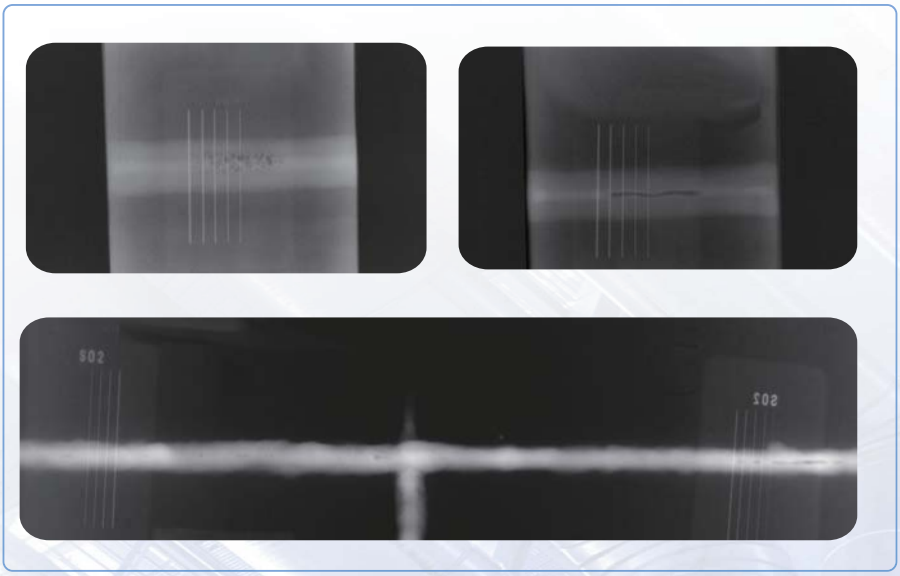
NDT/RT Film Digitizer

MII-800XL Plus comes with an image management software, MiiNDT, which is able to emphasize the details in shadows and increase clarity on demand. MiiNDT supports DCM, BMP, JPEG, and TIFF format.



Specifications

Type	Desktop flatbed film digitizer
Image Sensor	CCD
Lamp Source	LED
Scanning Area	12" x 16" (305 mm x 406 mm)
Scanning Mode	8-bit, 16-bit grayscale
Optical Resolution	3200 x 6400 dpi
Optical Density	4.7 Dmax
Dynamic Range	0.5D ~ 4.5D based on ISO 14096, DS 11.1
Interface	Hi-Speed USB (USB 2.0)
Templates	8.5" x 4.5", 6.5" x 3.5", 12" x 3 1/3"
Dimensions (L x W x H)	24.7" x 14.8" x 7.1" (627.6 x 375.9 x 180.5 mm)
Weight	35.4 lbs (16.1 kg)
Power Supply	AC 100V to 240 V, 47-63 Hz
Power Consumption	45 W (Max.)
Certifications	FCC, ETL, CCC, RoHS

User Friendly, Easy Access

With designed templates, users are allowed to scan multi films at a time. Combining MiiNDT professional image management software and MII-800XL Plus, speedy image capture, image data management, and off-site viewing are just easier than ever.

Digitizing Workstation

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