MICROTEK
SCAN THE WORLD

MII-900plus

Microtek NDT/RT Digitizing System
MII-900 Plus

Microtek NDT/RT Film Digitizing System is an entry level imaging solution developed exclusively for radiographic inspection industry. It easily transfers the industrial X-Ray film into digital image for storage and management and makes it convenient to view and share for the professionals. It is a cost-effective way to step into industrial X-Ray film digitizing management.

Combined with years of image professional experiences, MII-900 Plus, an industrial film digitizer, is specifically designed and built for the use of industrial X-Ray film scanning. Its sheet-fed design, hard metal body with a net weight 9 kg, is equal to a printer size which fits in use in a limit space.

In addition, the MII-900 Plus lets you easily scan various sizes of industrial X-Ray film up to 14" x 200", which offers more flexibility in physical records digitizing. Simply using exclusive film holders, the MII-900 Plus can automatically crop the scan frame to fit the size of original film, making your work more efficiently. Besides, two optional accessories, automatic film feeder and multi-channel tray, make scanning of multiple-sheet of film at a time more conveniently, effectively and time-saving.

Besides, the MII-900 Plus's 1200 dpi resolution, 16-bit grayscale, with good enough optical density allow it to capture a wide range of grayscale displaying tones from light to dark gray. It satisfies a demand of high quality in radiographic inspection industry.

Furthermore, the system contains powerful image management software, MiiNDT, which is tailor-made for Microtek industry film digitizers. It has a state of the art user interface and offers rich functionality for easy to use, allowing recording the data related to the film in digital format. It features many image adjustment and measurement tools to capture, inquire, and measure images. Most important of all, MiiNDT supports 100% real size prints of original images that is very convenient for engineers to find the defect part immediately at operating site. It is a time-efficient and effective solution for industry image management.

Features

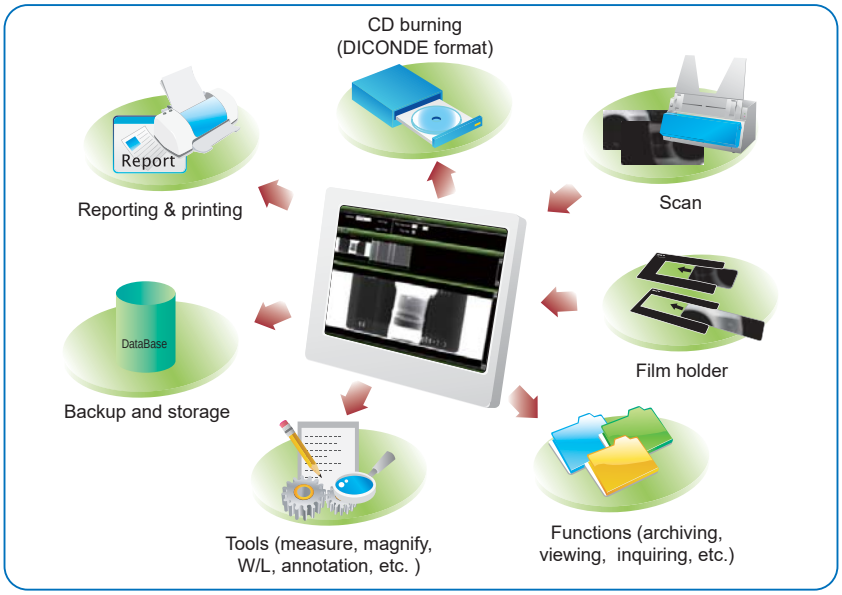
- Entry level imaging solution for NDT/RT
- Optional 15-sheet automatic film feeder and 3-sheet multi-channel tray
- 1200 dpi resolution and 16-bit grayscale capability
- Maximum scan area up to 14" x 200" covers all standard film formats
- Exclusive industrial film holders 8.5" x 4.5" and 12" x 3 1/3"
- Provides powerful image management, including image archiving, inquiry, measurement tools, annotation, reporting, viewing, CD burning, transferring, converting to DICONDE format, etc.
- Supports DCM, BMP, JPEG, andTIFF formats
- Supports JPEG 2000 lossless and lossy data compression formats

MII-900plus

User Friendly, Easy Access

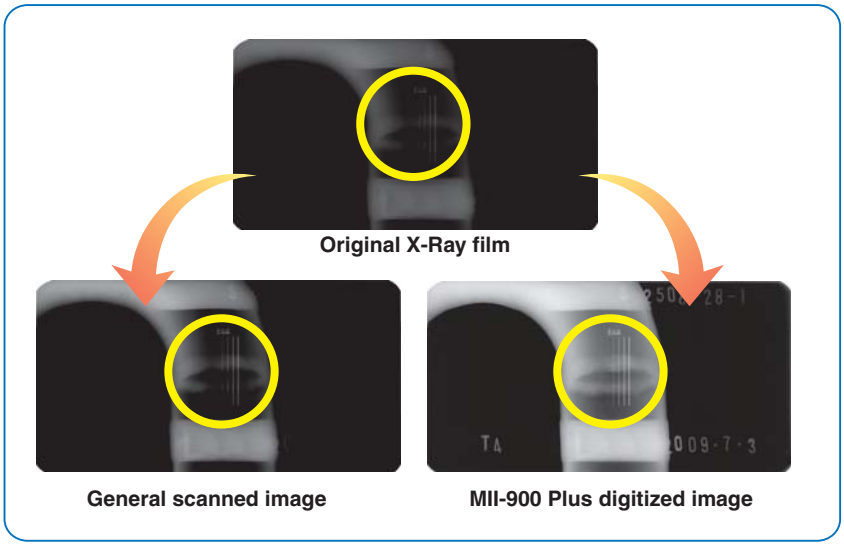
Microtek NDT/RT Film Digitizing System is able to emphasize the details in shadows, increasing clarity on demand and faithfully present the nature of the originals. Microtek NDT/RT Film Digitizing System enables you to manage the industrial X-Ray films efficiently. Combining the use of MiiNDT and MII-900 Plus, speedy image capture, image data management, and off-site viewing are just easier than ever.

With just a simple and fast connection, you are able to transfer physical data into digital format. The digital data format includes inspection date, project numbers, target numbers, and other related information, is qualified for ASTM standard and DICONDE format. In addition, MiiNDT provides functions for image annotation, reporting, CD-burning, transmitting, and converting to DICONDE format. It makes NDT/RT images easier to archive, review, and share.



Superb Ability to Differentiate Layers of Shadows

Microtek NDT/RT Film Digitizing System is able to emphasize the details in shadows, increasing clarity on demand and faithfully present the nature of the originals.



Specifications

Type	Sheet-fed film digitizer
Image Sensor	CCD
Lamp Source	LED
Scanning Method	Grayscale in single scanning pass
Bit Depth	8-bit, 16-bit grayscale
Resolution	1200 dpi (21 µm)
Dynamic Range	0.5D ~ 4.0D (Visual check)
Scanning Area	14" x 200" (355.6 mm x 5080 mm)
Scanning Speed	18 sec. at 300 dpi in grayscale per 14" x 17" film
Film Size	Min: 2.5" x 2.5" (63.5 mm x 63.5 mm) Max: 14" x 200" (355.6 mm x 5080 mm)
Interface	Hi-Speed USB (USB 2.0)
Film Holders	8.5" x 4.5", 12" x 3 1/3"
Optional Accessory	Automatic film feeder: Up to 15 pics of film (Min. 2.5"x10" / Max. 14" x 17") Multi-channel tray: Up to 3 pics of 30.5 x 8 cm film
Dimensions (L x W x H)	10.2" x 18.7" x 9.3" (260 mm x 474 mm x 235 mm)
Weight	19.82 lbs. (9 kg)
Power Supply	AC 100V to 240V, 47-63 Hz, 1.5A Max (Input)
Power Consumption	54.9 W (Max)
Certifications	FCC, CCC

System Requirements

- DVD-ROM drive (for installing software)
- 4GB RAM or above
- Pentium IV PC or higher with Hi-Speed USB (USB 2.0) port
- Microsoft Windows 7 / 10

Inbox Contents

- Digitizer unit with film holders
- Power cord
- High-Speed USB 2.0 cable
- CD (includes scanner scanning driver)
- Manual
- Software security dongle

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