

ScanINSPECT AFI Lite & Xtra Lite

"Automatic Film Inspection"

WHAT IS ScanINSPECT AFI Lite?

ScanINSPECT AFI Lite is a fully integrated, stand-alone inspection workstation for film, diazo, photo mask, chrome, glass plates, etc.

ScanINSPECT AFI Lite uses a PC Windows based software package integrated with a high-resolution, A3 size flatbed scanner.

ScanINSPECT AFI Xtra-Lite

A software only version is also available which imports un-calibrated standard TIFF or BMP images from any scanner platform and then converts the image to vector format using the same processes.

AUTOMATIC FEATURES

AFI Lite uses an un-calibrated image and performs an Automatic Optical Inspection detecting very small shorts, opens, mouse bites, pinholes, dust, and other defects using geometry inspection algorithms. The software creates a final inspection report identifying any errors. The system automatically creates an entry in the inspection log file after a report is generated.

VERIFICATION / INSPECTION

Worried about the quality of existing films? Use ScanINSPECT AFI Lite to verify film integrity prior to production. The new geometry inspection checks features and problems smaller than your minimum trace/space width, down to 0.0003" (0.008mm) at 4000 DPI.

These functions verify films for production errors, such as: opens/shorts, mouse bites, and pinholes. The system steps the operator automatically through all discrepancies of the verification results.

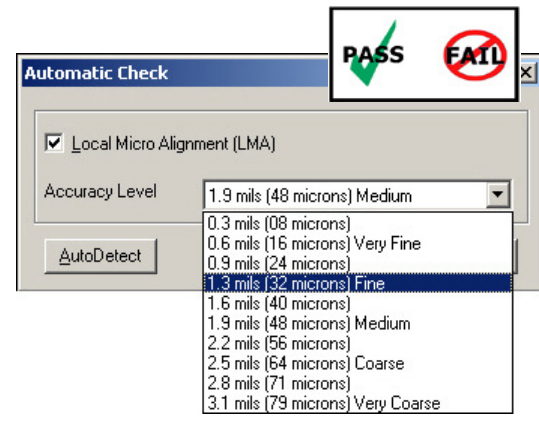
SYSTEM FEATURES

SCANNING

- Scan film, diazo, paper, mylar, glass in monochrome
- 400, 1000, 2000, 3200, 4800 DPI Scanning ability
- Import uncompressed B/W TIFF images from other imaging platforms

AUTOMATIC FUNCTIONS

- Geometry Inspection for opens, shorts, mouse bites, pinholes, and dust
- Inspection report and log file
- Print scanned image and inspection report



TECHNICAL SPECIFICATIONS

SCANNER

- High-Resolution Flatbed Scanner, Size A3: (400/1000/2000/3200*/4000* dpi)
- A3-Scanning Bed Area: 11.7" x 16.5" (297mm x 419mm)
- Maximum Work Area: 32.0" x 32.0" (813mm x 813mm)
*Reduced scanning area

COMPUTER*

- Pentium (3GHz or higher) Personal Computer
 - 80 GB HD, 2 GB RAM
 - CD-ROM (CD-RW for archive purposes)
 - Monitor
 - Printer
 - Win XP Service Pack 2
 - 2 available USB ports
- *Recommended customer supplied minimum PC requirements.

ADDITIONAL SYSTEM COMPONENTS

- Software Protection Key
- Transmissive Lighting Package
- Scanning Accessory Package

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