

flexScan™ with fusion

FlexScan 2 in 1 Scanner for Rollfilm and Microfiche



The FlexScan 2 in 1 scanner is designed to offer a complete package for users with rollfilm and microfiche scanning requirements on a limited budget. Each FlexScan unit comes with your choice of scanning modules, exclusively designed by nextScan.

Scan rollfilm up to 220 pages per minute or microfiche up to 125 images per minute, grayscale or bitonal at the same output speed. The Fusion software included with the FlexScan scanner enables automatic detection of which module is installed for scanning, easy scan setup and image enhancement, and will optimize scan speed by automatically adjusting for potential network bottlenecks.

FlexScan uses superior camera technology that produces incredible speed, precision and uniform output. Scanned images are sharper with better edge definition because nextScan uses fiber optics in FlexScan for its light source, eliminating hot spots and uneven lighting.

Enjoy all of the features in FlexScan you are accustomed to having in a nextScan product, now with the ability to scan rollfilm or microfiche in one unit.

nextScan

The Next Generation in Film and Fiche Scanning Technology

Flexibility and Speed
at the Right Price

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Fusion Software Functionality

FlexScan, combined with the nextScan Fusion software, allows the scanner setup to be simple and fast.

Fusion uses a one window interface that is much simpler and intuitive than the others, just click on four tabs for setup and away you go!

Fusion's flexibility gives the scanner operator total control over scanner set up options, resulting in superior quality output.

Some of Fusion's unique functions:

- Image enhancement filter setup performed in real time with no rescan of the image
- Output grayscale and bitonal at the same time
- Output multiple image types simultaneously during scanning such as grayscale, bitonal and thumbnails
- Mirror, crop, extract, deskew, rotate and 10 bit to 8 bit gamma correction
- Dual detection bands dramatically improve detection of irregular shaped documents

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FlexScan w/ Fusion Specifications

SPEED – Rollfilm & *Fiche

220 ppm @ 8.5x11, 200 dpi,
24x reduction
*125 ppm @ 8.5x11, 200 dpi,
24x reduction
Both bitonal and grayscale same time
All output formats
Adaptive Speed Control
(20 ppm to 220/*125 ppm)

SOFTWARE – Fusion

Rotate, mirror, crop, extract, deskew
Independent image processing filters
for each output image
Realtime despeckle and edge
enhancement filters
Multi sub-image output
Multi image output in different formats
True optical resolution – no software
interpolation
Tri level blip detection & file naming
Leading and trailing edge detection
Blip-to-blip detection
Dual detection regions
Fixed and proportional sub-image
extraction
Flexible file naming and index
file generation
Industry leading auto thresholding
for bitonal
Adaptive Speed Control

OPTICS/CAMERA

Linear light via fiber optics yields flat illumination source
10 bit antiblooming CCD array to protect against over exposure
10 bit to 8 bit Gamma correction
Auto focus
8192 Pixel CCD

Operating Systems:

Windows XP Professional
Latest Intel CPU Speeds
Large SATA II hard drive
1-GBit Network Interface
NextStar Ready

Film and Fiche Polarities: positive and negative

Reduction Ratio: 7x to 72x

Resolution: 100 – 600 dpi

Document Sizes: to E-size drawings at 200 dpi and oversize documents like oil well logs and EKGs

Film and Fiche Size: 16 and 35 mm, *Standard and Jumbo

Film and Fiche Orientation: Comic, Cine

Film and Fiche Formats: **COM, Duplex, Duo,

Blipped/Unblipped

Film Types: Vesicular, Blue and Black Diazo, Silver

File Formats: TIFF bitonal, TIFF uncompressed,
Multi Page TIFF, JPEG, CALS, PDF and JPEG 2000

* fiche

** some COM capability limited with Fusion Software

nextScan

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