# nextScan

# FlexScan+ ™

Multi-Format Conversion Scanner
Microfilm, Microfiche, Aperture Card
Auto Focus

## FlexScan+ Advantages

Reliable, High-Speed Capture
Archival-Grade Image Processing
High-Resolution Image Output
Increased Scanning Capabilities

## Building on Excellence

The FlexScan+ is the cultimation of all of nextScan's technology. Carrying over auto-focus from the Eclipse®, the FlexScan+ is simpler and more intuitive to use. Built up from the FlexScan chassis, the FlexScan+ boasts all-new modern electric components for converting microforms in the modern technological landscape. Harness your organizations full potential by scanning all microforms on one piece of equipment for years to come.

## FlexScan+ Convert with Confidence

## Scanning Throughput Speeds

Benchmarks based on 200 dpi Scan Resolution, at 24x Reduction Ratio.
Higher scan speeds available under rental, lease, or contract.

### FlexScan+ 800 PPM

| | |
|---|---|
| Rollfilm | 3:40 Minutes Per Roll (16mm/95 ft. Roll) |
| Fiche | 13 Seconds Per Fiche (Jacketed 5 Row Fiche)<br>47 Seconds Per 15 Row COM Fiche (77 per hour) |
| Aperture | 4 Seconds Per Aperture Card |

### FlexScan+ 600 PPM

| | |
|---|---|
| Rollfilm | 4:54 Minutes Per Roll (16mm/95 ft. Roll) |
| Fiche | 14 Seconds Per Fiche (Jacketed 5 Row Fiche)<br>56 Seconds Per 15 Row COM Fiche (64 per hour) |
| Aperture | 4 Seconds Per Aperture Card |

*Scanning speeds presented are estimates of raw scan time only, and do not include load time. Exact scanning results are dependant on client's conversion parameters, the condition of the microforms, and network capabilities.

## Technical Specifications

| | |
|---|---|
| OS and Hardware | Windows 11 64-bit OS<br>Computing platform capability suitable for 100% throughput of the scanner. |
| Optics/Camera | LuminTec™ Strobocropic Illumination System<br>Preconfigured 8k CMOS Line Scan Image Sensor (8,192 Pixel CCD Array)<br>High Quality Defraction Limited Lens<br>8 or 12 Bit Output<br>True Gamma Correction, Flat Field & Pixel Defect Correction<br><br>*Optional Best-in-Industry 16k CMOS Line Scan Image Sensor (16,384 Pixel CCD Array) |
| Ribbon Storage Device (RSD) | Preconfigured with 8TB RSD for Simultaneous Output and Capture.<br> • Maximizes Throughput Speed and Productivity<br> • 16, 36, or 48 TB Option Available (Rack or Tower Option) |
| Reduction Ratio | The FlexScan ® can scan at any reduction ratio captured on film. Reduction ratio is not a function of the scanner but is a function of the original camera creating the film. |
| Resolution | Native Optical Resolution Without Scaling the Image:<br> • Scanner Resolution on Film: Up to 15500 DPI<br> • At 24X Reduction Ratio: Up to 640 DPI<br> • At 48X Reduction Ratio: Up to 320 DPI<br>*Higher Resolutions Available with 16k Camera. |

## Physical Characteristics

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|---|---|
| Base | Height - 24", Width - 14.5", Depth - 22", Weight - 55 lbs. |
| Film Module | Height - 10", Width - 13", Depth - 23", Weight - 24 lbs. |
| Fiche Module | Height - 12", Width - 18", Depth - 32", Weight - 30 lbs. |
| Power Consumption | 110V / Input Voltage 110-240V Auto Switching<br>FlexScan 1.7 - 2.3A |

## Optional

1,000' Reel Adapter for Film, 3M Cartridge Adapter for Film and a 16,384 Pixel Camera.
Fiche/Aperture Card Autoloader:
 • Up to 200 Microfiche
 • Up to 150 Film Jackets
 • Up to 100 Aperture Cards (Depending on Film Thickness and Card Damage)

## Scannable Media Types

| | |
|---|---|
| Document Sizes | E-Size drawings at 200 dpi (optional 300 dpi) and oversize documents like oil well logs and EKGs (image must fit in memory and file format) |
| Film Sizes, Formats, Polarities | 16 and 35 mm Film (Optional 70 mm)<br>Simplex, Duplex, Duo, Blipped/Unblipped, COM and Mixed formats<br>Positive, Negative, Mixed |
| Fiche Sizes, Formats, Polarities | Standard, Jumbo Fiche, Mini Jackets Jackets, Aperture Cards<br>Step & Repeat, Film Jackets, AB Dick, Microx, COM, Aperture Cards<br>Positive, Negative, Mixed |
| Film & Fiche Types | Vesicular, Blue and Black Diazo, Silver, Duplex, Duo, COM, Blipped/Unblipped and Mixed formats |
| Film Orientation | Comic, Cine, Mixed |

## Output File Formats

TIFF Bitonal G3/G4, TIFF Uncompressed, Multi-page TIFF, JPEG, CALS, PDF/A, Multi-page PDF, JPEG 2000, JPEG XR, Optional Optical Character Recognition (OCR) (Others Available Upon Request)

Contact us today to arrange a personalized demo.
**208.514.4000**
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### The FlexScan+ Scanning Solution Includes:
• Scanner and Internal PC
• High Resolution Lens with LuminTec™ Lighting Technology
• NextStar PLUS Workflow Software Platform
• Optional Ribbon Storage Device (RSD) - Stores RAW Uncompressed Images Until Ready for Output

### The System can Handle Unique Properties of Film, Fiche, and Aperture Card Scanning:
• Title Bar Information
• Variable Size Documents and Image Positions
• Variable Indexing to Digital Files
• Captures up to 3 Levels of Blips
• Enhancement of Signatures and Handwritten Data on Filmed Images
• Scan Aperture Cards and Oversized Fiche, Including Ultra and Mini Fiche Sizes