



FS-Series

The FS-Series from Wicks and Wilson is a range of high volume production scanners for digitising microfiche. The versatile and flexible scanners can be easily configured to automatically capture all formats of microfiche.



FS-Series Microfiche Scanning Systems
the easier, simpler, better way to scan microfilm

Key Features and Technical Specifications

FS-Series Microfiche Scanning Systems

- True production fiche scanner, featuring a unique auto-feed closed cartridge system to hold the fiche securely during scan; prevents any possibility of fiche either sticking together or being misplaced during the batch scanning process. The accuracy and reliability of the feed system removes the need for a pre-scan of every fiche during batch scanning; increasing productivity and throughput.
- Interactive graphical wizards provide a quick and easy method of configuring detection and sizing parameters prior to batch scanning. Once saved in a Job Setup, all parameters are easily retrieved at a later date.
- Numerous file naming options available; single or multipage, cell indexing or manual naming. Fiche indexing permits operator-entered fields to be used with double key entry, guarantees indexing accuracy.
- Smartscan, the Wicks and Wilson designed 12-bit image processing system for microfilm, provides real-time control of on-board advanced imaging tools for both bitonal and 256-level greyscale imaging.
- Dual save increases productivity for poor quality film by simultaneously capturing a high-quality greyscale duplicate of the bitonal data.
- Continuous data output produces contiguous files, with or without gaps, enabling uninterrupted data to be created for offline processing.
- Powerful batch-check mode allows full image QA without slowing the scanner or impacting throughput.
- Comprehensive file logging capability produces customisable report of batch process.

Model	FS150	FS300
Resolution	100 - 400 dpi	100 - 600 dpi
Speed (at 200dpi) 15 x 18 COM fiche 48x 7 x 14 fiche 24x 5 row jacket fiche 24x	71 frames per minute 74 frames per minute 38 frames per minute	178 frames per minute 140 frames per minute 72 frames per minute
Greyscale output (including dual-save)	Optional	Included
Full-fiche image capture	Optional	Included
Title scanning	Yes	
Check print capability	Yes	
Reduction ratio (fixed focus)	7.5x to 50x (variable)	
Scaling accuracy	±1 %	
Film types (148mm x 105mm)	Positive/negative, silver/vesicular/diazo, simplex/duplex, sheet/jacket, COM, AB Dick, Portrait (cine)/landscape (comic)	
Bitonal output file format	TIFF (G3 or G4 single or multi-page), CALS, PDF* (single or multi-page)	
Greyscale output file format	JPEG, BMP, JPEG 2000, RAW TIFF, PDF* (single or multi-page)	
Agency approvals	CE, TÜV, UL, cUL	
RoHS compliance	Yes	
Size (WxDxH)	570mm x 360mm x 471mm (22.5" x 14.25" x 18.5")	
Weight	36kg (79.5lbs)	
Power requirements	120/230 Volts, 1.0/0.5 Amps	
PC connection	Dedicated PCI interface card supplied (full height slot required)	
Operating system	Windows XP Professional, SP2	
Controller PC specification	Please see WWL website for current PC requirements www.wwl.co.uk	

*PDF file output available as an option

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