

7700-Series MICROFICHE SCANSTATION

MAXIMUM PRODUCTIVITY.
MINIMUM EFFORT.

Wicks and Wilson presents the 7700-series Scanstation, the next generation of automated microfiche scanning technology.

New and productive features make the automatic digitization of microfiche easier than ever. Digital image files are created quickly and simply from all formats of microfiche.



The easier, simpler,
better way to scan



Wicks and Wilson
A CROWLEY Company

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7700-SERIES SCANSTATION

The 7700-series, designed and manufactured by Wicks and Wilson, features innovative digitizing and image processing technologies to automatically capture high quality grayscale and bitonal images from the many different formats of microfiche.

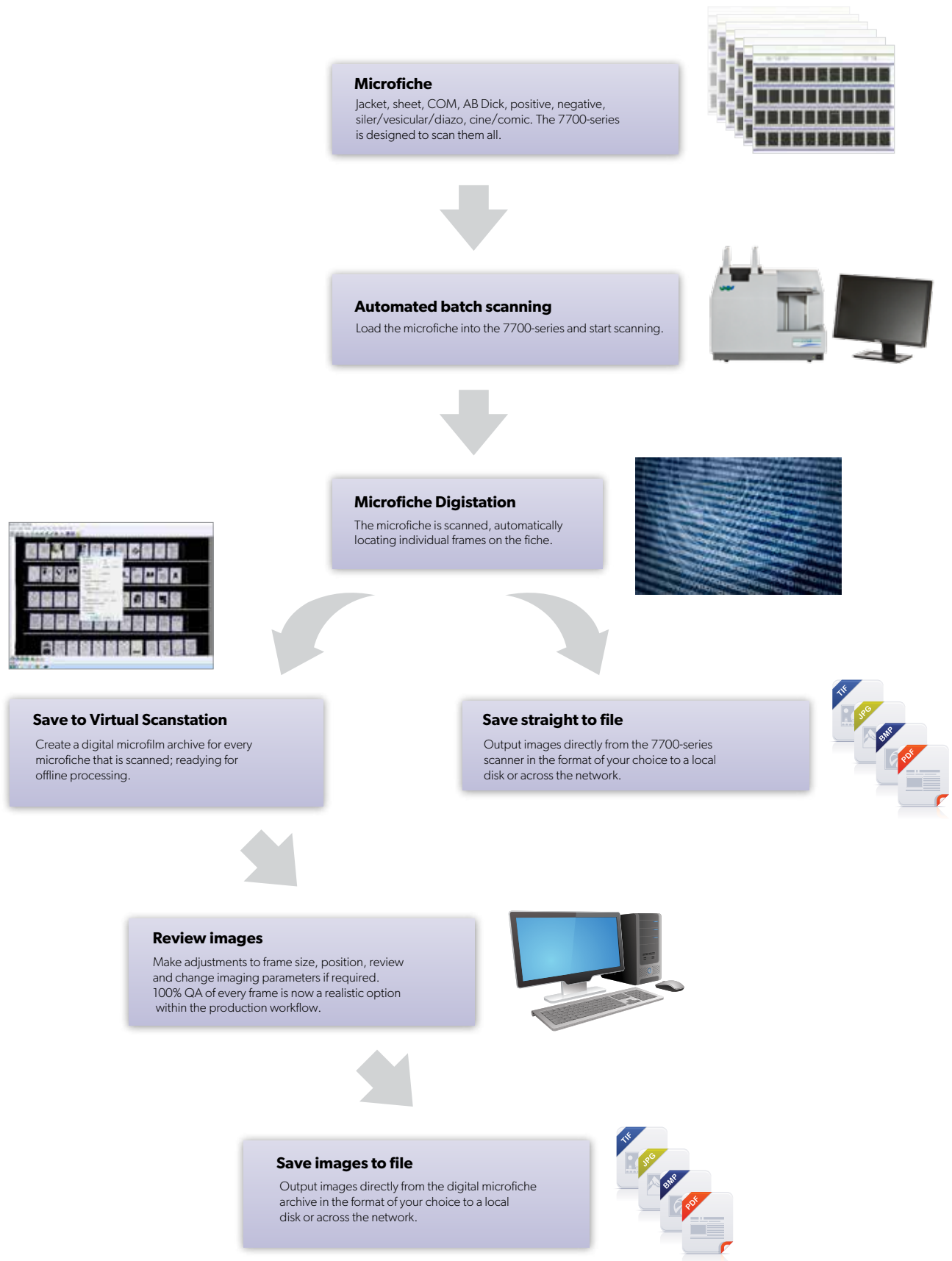
The **7750** is a true high-volume production microfiche scanner utilizing Wicks and Wilson's proven and reliable automatic feed, closed cartridge system. This unique system totally eliminates any possibility of the microfiche being dropped, damaged or stuck together during the automated scanning process. A mid-range option, the **7720** takes advantage of 7750 technology, but offers lower-volume output at a moderate price for those not at the high-end need of the production scanner market.

Output individual images directly from the microfiche or create digital microfiche archives (a scanned digital image of the entire fiche). Wicks and Wilson's Virtual Scanstation software package allows any checks and adjustments to be made to the digital microfiche archive offline. Image quality checks of every frame can be made away from the scanner without slowing or stopping the batch scanning process.

KEY FEATURES

- Designed specifically for microfiche scanning without compromise. Custom lens, holographic diffuser and 12-bit camera system deliver improved image quality across all fiche types.
- Wicks and Wilson's specialist microfilm imaging algorithms, running on powerful multi-core nVIDIA® graphics processors, display any imaging adjustments in real-time without the need to rescan.
- Unique and proven automatic feed system holds the fiche securely during the scan and has been further developed to accommodate larger 'jumbo' microfiche.
- New image editing and processing tools make the scanning of all microfiche formats easier and quicker than ever before.
- One-time interactive graphical set-ups provide a simple way of accurately scanning all types of fiche, removing the need for repeated pre-scans and thereby increasing throughput.
- An operator-accessible auto-calibration function provides peace of mind and guarantees output quality.
- Newly-optimized serpentine scanning processes deliver vastly increased productivity when scanning jacket fiche.
- Numerous file-naming options available: single or multi-page, cell indexing or manual naming. Fiche indexing permits operator-enabled fields to be used with double-key entry, guaranteeing indexing accuracy.
- Comprehensive file-logging capability produces customizable reports on all aspects of the batch scanning process.

VIRTUAL SCANSTATION



7700-SERIES SCANSTATION

PRODUCT SPECIFICATIONS

	7750 SCANSTATION	7720 SCANSTATION
Resolution	100 – 600 dpi	
Reduction Ratio	7.5x to 50x (variable)	
Check print capability	Yes	
Scaling accuracy	+ /- 1%	
Film types (148 x 105mm)	Positive/negative, silver/vesicular/diazo, simplex/duplex, sheet/jacket, COM, AB Dick, portrait (cine)/landscape (comic)	
Fiche/Jacket format	All usual row/column formats below 50x reduction ratio including mixed 16mm/35mm formats (combination fiche)	
Cartridge size	Standard carrier or jumbo carrier option	
Speed at 200 dpi 15x18 COM fiche 48x 7x14 fiche 24x 5 row jacket fiche 24x	295 frames per minute 105 frames per minute 94 frames per minute	147 frames per minute 52 frames per minute 47 frames per minute
Bitonal output file format	TIFF (G3 or G4, single or multi-page), CALS PDF (single or multi-page)	
Grayscale output file format	JPEG, BMP, JPEG 2000, RAW TIFF, PDF (single or multi-page)	
Virtual Scanstation QA software package	Included	Optional
Agency approvals	CE, UL, cUL	
RoHS compliance	Yes	
Size (WxDxH)	570mm x 360mm x 471wmm (22.5" x 14.25" x 18.5")	
Weight	36kgs (79.5lbs)	
Power requirements	120/230 volts; 1/0.5 amps	
PC connection	Dedicated PCI Express X1 interface card supplied (full height slot required)	
Operating system	Windows 7 Professional (32 and 64 bit)	
Controller PC specification	Please see WWL website for current PC requirements www.wwl.co.uk	

Wicks and Wilson, 6 Rutherford Road, Daneshill Industrial Estate, Basingstoke, Hampshire, RG24 8PD, UK

Europe Telephone +44 (0) 1256 842211 Fax +44 (0) 1256 840997

North America Telephone 240.215.0224 Fax 240.215.0234

Email wwl@thecrowleycompany.com Web www.wwl.co.uk

The Crowley Company pursues a policy of continuous product improvement and reserves the right to change these specifications without notice.

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