CROWLEY
DIGITIZATION PRODUCTS

8800–Series
MICROFILM SCANSTATION

THE EASIER, SIMPLER, BETTER WAY TO SCAN

> My Wicks and Wilsons have, and still do, run without any maintenance cost or repair. They just keep running.
>
> ~ Tom Tryniski, Creator and Project Manager, Old Fulton New York Post Cards

MAXIMUM PRODUCTIVITY. MINIMUM EFFORT.

The 8800-Series Scanstation is the latest generation of production microfilm scanning technology from Wicks and Wilson, a Crowley company.

The unique design offers an innovative approach to production microfilm digitization. Simple interfaces and efficiency-enhancing automation features allow grayscale and bitonal digital files to be created quickly and easily from all 16 mm and 35 mm roll film formats.

KEY FEATURES

- Locate images automatically using document edge or intelligent detection of up to four levels of blip code

- Extract images either as fixed-size (for film with constant-sized frames) or auto-size (for varying frame sizes) using on-screen graphical wizards to reduce set-up time

- Edit images using a full suite of processing tools – including intelligent thresholding, gamma correction, auto white balance and more – to get consistent imaging results throughout the film

- Efficiently compensate for film density differences on duplex film using a single-pass dual-thresholding

- Quickly and easily save scanning parameters as project templates for use on future digitization tasks

- View image edits on-screen as they are being made to increase productivity and eliminate the need for rescans

- View film as it scans on a principal monitor and add a second monitor to simultaneously view extracted frames in real-time

- Compatible with Virtual Scanstation – a full-feature offline quality assurance software that enhances workflow, accuracy and productivity

- Compatible with IMAGEhost for online hosting, storage, retrieval, editing and output

SIMPLE OPERATION

1. Load microfilm
2. Set scanner settings
3. Set imaging parameters
4. Scan and output

Wicks and Wilson
A CROWLEY COMPANY

UL   CE   ✓RoHS Compliant

8800–Series MICROFILM SCANSTATION

TECHNICAL ESSENTIALS

- 12-bit camera system designed specifically to address the challenges of microfilm digitization
- Custom-built lens provides greater resolving power across all film types
- Illumination system with holographic diffusion allows for superior results every scan

- Unique many-core parallel processing architecture harnesses the power of the latest NVIDIA® graphics cards to run the 8800-Series cutting-edge image processing algorithms – a first for any microfilm scanner.
- Anti-static brushes designed for indirect cleaning, minimizing unnecessary contact with the microfilm

TECHNICAL SPECIFICATIONS

Output Resolution	100 – 600 dpi
Reduction Ratio (Fixed Focus)	16 mm 7.5x to 50x (variable) 35 mm 7.5x to 36x (variable)
Check Print Capability	Yes
Scaling Accuracy	+/- 1%
Film Types	16/35 mm spools; 16 mm cartridge (M-type, C-clip); positive/negative; silver/vesicular/diazo; simplex/duplex; COM; portrait (cine)/landscape (comic)
Spool Size	30 m/100 ft (standard); 64 m/215 ft thin base (standard); 300 m/1,000 ft (optional)
Film Transport	Servo-controlled DC motor with anti-static brush cleaning system
Bitonal File Formats	TIFF (G3 or G4, single- or multi-page); CALS; PDF (single- or multi-page)
Grayscale File Formats	JPEG; BMP; JPEG 2000; RAW TIFF; PDF (single- or multi-page)
Agency Approvals	CE, UL, cUL
RoHS Compliance	Yes
Dimensions (LxWxH)	17.5 x 23.5 x 13.75 in (440 x 593 x 348 mm)
Weight	64 lbs/29 kg
Power Requirement	120/230 Volts; 2/1 Amps
PC Connection	Dedicated PCI Express X1 interface card supplied (full height slot required)
Operating System	Windows 10 Pro (64-bit only with Intel Processor)
Graphics Card	High-performance NVIDIA® graphics card required. Visit www.thecrowleycompany.com for more info on graphics cards and PC specs.

	8850 SCANSTATION	8820 SCANSTATION
Speed (Frames Per Minute) A4, 200 Dpi	350 fpm	150 fpm
Virtual Scanstation QA Software Package	Included	Optional
IMAGEhost Integration	Optional	Optional

CROWLEY
DIGITAL PRESERVATION SOLUTIONS

DIGITIZATION PRODUCTS   DIGITIZATION SERVICES   SUPPORT SERVICES

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