

C-SERIES

MICROFILM APERTURE CARD SCAN SYSTEMS



C400



THE EASIER, SIMPLER, BETTER WAY TO SCAN

Designed to digitize 35 mm microfilm images from aperture cards, the [C-Series scanners](#) create accessible, searchable images that can be viewed, saved and shared instantly.

The C-Series includes two models: the versatile **C400** production scanner with automatic Hollerith reading capabilities and feed hopper for unattended batch scanning and the desktop **C Drive X** for on-demand scanning of single aperture cards.

EXPERT DIGITAL IMAGING IN A COMPACT DESKTOP DESIGN



With the ability to not only digitize the cards quickly on demand, directly distribute via e-mail or just send direct to scaled print, the scanner's powerful image processing tools have allowed the engineers to easily view and manage the drawings in digital form.

~ The Royal Air Force Battle of Britain Memorial Flight case study



KEY FEATURES OF THE C-SERIES

- Affordable
- High-quality images at full resolution
- On-demand and batch scanning modes included as standard feature
- Hollerith (punch) data automatically read and used to select drawing sizes and file names if required (C400 only)
- Dual-save of both bitonal and grayscale images from a single scan
- Auto White Balance (AWB) produces the best possible grayscale and bitonal images from each card
- Reduced set-up time with high-speed USB connectivity
- Simple and effective interface
- Virtual rescan automatically reprocesses the scanned image with alternative imaging parameters. No need to physically rescan the aperture card.
- Optics, scan engine and Smartcode image processing algorithms engineered specifically for microfilm scanning
- Flexible scanning solution: Capable of scanning any ISO aperture card with no extras or modifications to purchase



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TECHNICAL SPECIFICATIONS

Reduction Ratio	7.5x to 40x (variable)	
Dual-save (grayscale and bitonal)	Yes	
Scaling Accuracy	+/-0.5%	
File Formats (bitonal)	TIFF, CALS, PNG and PDF	
File Formats (grayscale)	JPEG, BMP, RAW TIFF, PNG, and PDF	
Agency Approvals	CE, UL	
RoHS Compliance	Yes	
Power Requirement	110/240V; 250/170mA external power pack	
Controller PC	Visit Crowley's website for current specifications	
Operating System	Windows 10 Pro (64-bit only with Intel Processor)	
	C Drive X	C400
Output Resolution	100-400 dpi	100-600 dpi
Speed (A2/C Size)*	<10 seconds per card (200 dpi)	Up to 370 cards per hour (200 dpi)
	<13 seconds per card (400 dpi)	Up to 300 cards per hour (400 dpi)
	n/a	Up to 200 cards per hour (600 dpi)
Hopper-feed	Single card manual	150 card automated batch feed
Hollerith Entry	Manual feed	Automatic (IBM, MIL STD 804B)
Dimensions (LxWxH)	7.9 x 5.9 x 3.5 in (200 x 150 x 90 mm)	18.1 x 6.7 x 8.3 in (460 x 170 x 210 mm)
Weight	4.2 lbs/1.9 kg	13 lbs/6 kg

*Speeds vary based on image size, batch type and PC configuration



C Drive X



C400



DIGITIZATION PRODUCTS



DIGITIZATION SERVICES



SUPPORT SERVICES

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