CROWLEY
DIGITAL PRESERVATION SOLUTIONS

*C*400
Advanced

APERTURE CARD SCANNER

For close to twenty years, the C-Series scanners have delivered accurate, high-volume aperture card conversion for manufacturing, engineering, and nuclear industries. The C400 Advanced features a new camera system, larger input hopper, and enhanced lighting for fast, high-resolution digitization of 35 mm aperture cards and Hollerith data.

KEY FEATURES

Large Capacity

Increased hopper capacity of 300 cards allows more media to be loaded for automatic scanning.

Precision Imaging Capture

Enhanced camera and light source for excellent image quality and clarity.

Serviceability

An updated internal design allows for improved serviceability, resulting in quick and infrequent maintenance.

Affordable

Professional-quality imaging at a price that fits your budget.

Versatile Scan Options

On-demand and batch scanning modes included as standard feature.

Hollerith Data Reading

Hollerith (punch) data automatically read, if present, and used to select drawing sizes and file names.

Dual Image Output

Save both bitonal and grayscale images from one single scan.

Auto White Balance

Best possible grayscale and bitonal images from each card using Auto White Balance (AWB).

High-Speed Integration

Reduced set-up time with high-speed USB connectivity.

Streamlined Interface

Simple interface designed for efficient workflows and minimal training.

Advanced Software Tools

C400 Advanced software allows resizing, enhancements and other image editing to take place without having to rescan the media.

Scan-To-Print Option

Features Demand Microfilm Printer (DMP) mode, enabling automatic scanning and printing, with easy-to-use controls for quick operation.

> 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

UKCA CE FC RoHS Compliant

TECHNICAL SPECIFICATIONS

Performance

Scan Speeds (A2/C Size)	Speeds vary based on image size, batch type and PC configuration
	Up to 400 cards per hour (200 dpi)
	Up to 300 cards per hour (400 dpi)
	Up to 200 cards per hour (600 dpi)
Resolution	100-600 dpi
Reduction Ratio	7.5x to 40x (variable)

Image Quality

Resolution	100-600 dpi
Scaling Accuracy	+/0.1%
Lighting	Chip on board LED lighting

Card Handling

Card Compatibility	35 mm aperture card (single/double image), Hollerith aperture card
File (bitonal)	TIFF, CALS, PNG and PDF
File (grayscale)	JPEG, BMP, RAW TIFF, PNG and PDF
Hopper-feed	300 card automated batch feed
Hollerith Entry	Automatic (IBM, MIL STD 804B)

Power and Safety

Power Supply	+ 12.0V DC 5.42A 65.0W
Voltage	110-240 V
Frequency	50/60 Hz
Max. Consumption	16 W
Agency Approvals	FCC, UKCA, CE and RoHs certification

Software

Operating System	Windows 11 Pro
Compatible Software	C400 Advanced Software

Dimensions and Weight

Dimensions (LxWxH)	22 x 7 x 9 in (560 x 180 x 230 mm)
Weight	14 lbs/6.5 kg

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