

# C400 *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

# TECHNICAL SPECIFICATIONS

## Performance

|                         |  |
|-------------------------|--|
| Scan Speeds (A2/C Size) | Speeds vary based on image size, batch type and PC configuration<br>Up to 400 cards per hour (200 dpi)<br>Up to 300 cards per hour (400 dpi)<br>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 |
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## Software

|                  |                |
|------------------|----------------|
| Operating System | Windows 11 Pro |
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|                     |                        |
|---------------------|------------------------|
| Compatible Software | C400 Advanced Software |
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## Dimensions and Weight

|                    |                                    |
|--------------------|------------------------------------|
| Dimensions (LxWxH) | 22 x 7 x 9 in (560 x 180 x 230 mm) |
|--------------------|------------------------------------|

|        |               |
|--------|---------------|
| Weight | 14 lbs/6.5 kg |
|--------|---------------|