



# Microfilm Scanner 800

## ■ Specifications

### Microfilm Scanner 800

|                         |   |
|-------------------------|---|
| Type                    | Desktop digital microfilm scanner                               |
| Screen size (H x W)     | 300 x 435 mm  |
| Scanning method         | 300 dpi digital scanning using CMOS sensor                      |
| Max. scanning size      | 295 x 432 mm  |
| Polarity detection      | Nega-to-Posi, Posi-to-Posi, Automatic                           |
| Lens magnification      | x7-7.5, x9-16, x14-30, x20-50, x57                              |
| Film types              | Fiche, jacket, aperture card, 16mm/35mm roll film               |
| Scanning                |   |
| Scan modes              | B&W, B&W Fine, B&W Photo, Grayscale                             |
| Density control         | AE, Manual  |
| Scan sizes              | A3, A4, A4R, B4, B5   |
| Scan positions          | Center, Left, 2 consecutive pages                               |
| Scan area               | Trimming, Border erasure, Margin setting                        |
| Scan speed (A4)         | 3.0 sec. (200dpi) / 3.4 sec. (300dpi) / 5.4 sec. (600dpi)       |
| Scan speed (A3)         | 3.9 sec. (200dpi) / 4.7 sec. (300dpi) / 8.8 sec. (600dpi)       |
| Image adjustment        |   |
| Focus                   | Autofocus, manual focus   |
| Zoom                    | Motorized, Zoom Key memory                                      |
| Rotation                | Motorized, Automatic 90° rotation                               |
| Function keys           | Main unit: 6 keys<br>Optional keyboard: 4 keys (Total: 10 keys) |
| Electrical requirements | 120V AC, 60Hz, 4.5A<br>220 - 240V AC, 50/60Hz, 2A               |
| Dimensions (W x D x H)  | 760 x 600 x 612 mm  |
| Weight                  | Approx. 47kg  |



### ■ Operation keyboard (option)



An optional keyboard offers comfortable operation of the Microfilm Scanner 800 during extended periods of use. It puts all of the major features found on the monitor-mounted controls right at your fingertips. Accessible functions include Autofocus, Zoom, Border Erasure, Image Rotation, and Function Keys.

### Scanning Utility 800

|                    |  |
|--------------------|--|
| Scan modes         | B&W, B&W Fine, B&W Photo, Grayscale (4/16/256 levels)  |
| Resolution         | 200 dpi / 300 dpi / 600 dpi  |
| Scan sizes         | A3, A4, A4R, A5, A6, B4, B5, scanner's maximum   |
| Frame area         | Center, Left, 2-page spread, Overlay   |
| Other settings     | Brightness, Fine Brightness, Polarity, Batch type, Image rotation, Detect image size, Add-on, Semi-auto, Margin scanning, AE adjustment, Sharpness, Erase background, Erase notch, Complement thin line, Gamma setting, Function Key setting |
| File formats       | Binary images (B&W, Photo): TIFF /BMP /JBIG<br>Grayscale images: JPEG /BMP /JBIG   |
| Viewing functions  | Zoom in/out, 90° Rotation, Best fit, Fit to width, Next /Previous page   |
| Printing functions | Print screen image, print scanned image, Reader-Printer mode print   |

### Fileprint 400

|                         |   |
|-------------------------|---|
| Type                    | Non-impact page printer                                 |
| Max. print speed        | 9 A4/LTR-size pages per minute                          |
| Max. print size         | A3/Ledger   |
| Warm-up time            | Less than 9 seconds                                     |
| Time for first print    | Approx. 16 seconds                                      |
| Dot pitch               | Horizontal: 400 dpi<br>Vertical: 400 dpi                |
| Output stacker          | 250 sheets face down                                    |
| Electrical requirements | 100V - 120V, 50 /60Hz: 380W<br>220V - 240V, 50 Hz: 380W |
| Dimensions (W x D x H)  | 490 x 502 x 300 mm                                      |
| Weight                  | 23kg without toner cartridge                            |

### ■ Available film carriers



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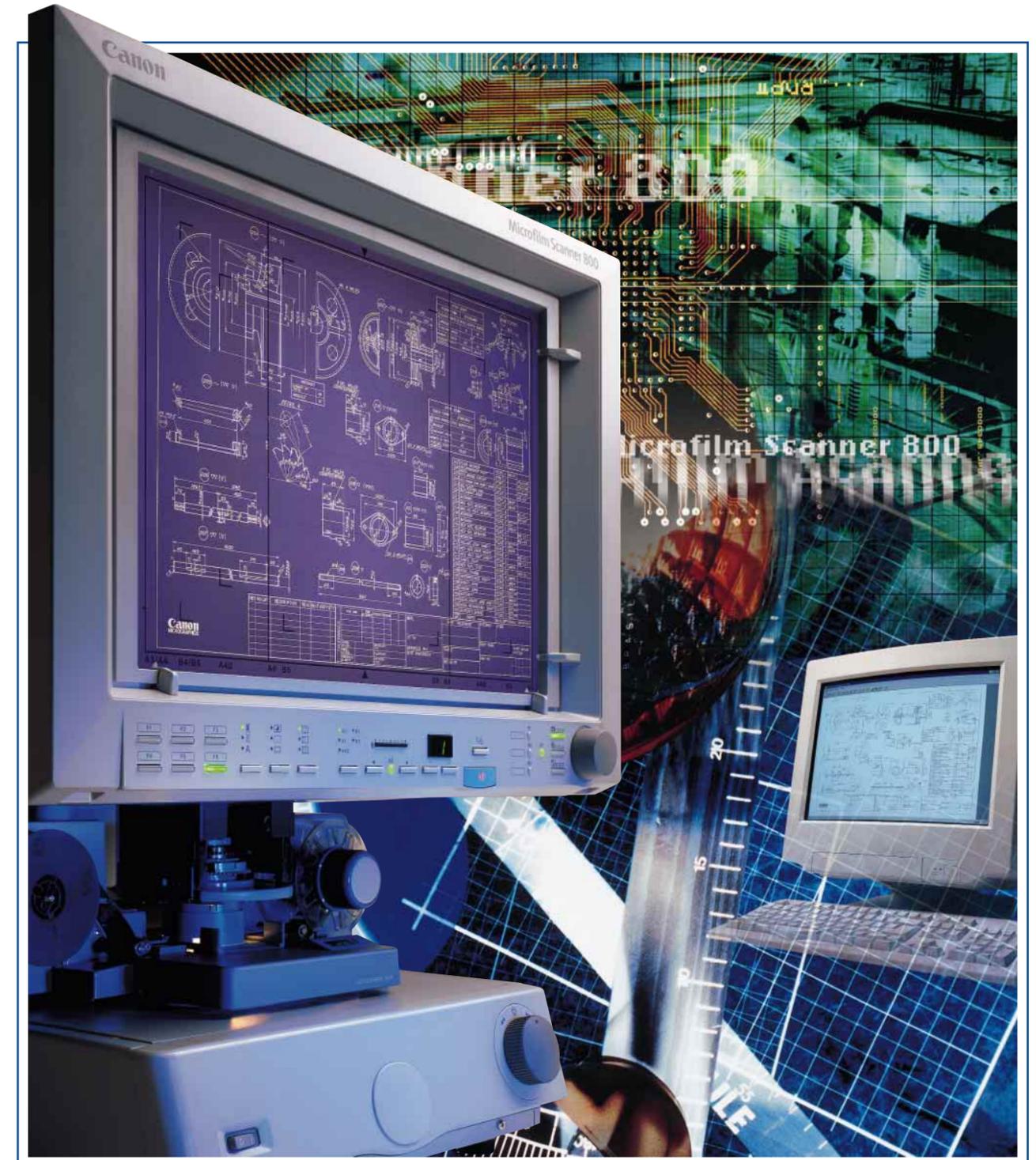
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# THE LARGE FORMAT & HIGH VOLUME EXPERT

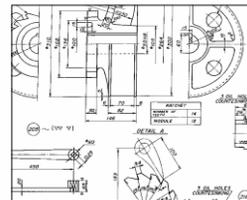
In addition to its A3-size screen and compact body, the Microfilm Scanner 800 includes features for scanning microfilmed resources with greater clarity, speed, and ease of use than ever.

# High Quality & Superfast



## ■ 600dpi, A3-size scanning

Featuring output resolution of up to 600dpi, the MS 800 sets a new standard for A3-size microfilm scanning. With this level of quality, you can even use a plotter to produce A1-size printouts of your image data. The MS 800 comes with multiple scanning modes to best match your microfilmed document, including Fine, Photo, and Grayscale (for low contrast film). Background Erasure and Automatic Exposure are standard features that further contribute to enhanced image quality.



## ● Compatible film formats

A wide range of interchangeable film carriers enables the MS 800 to handle 16mm or 35mm microfilm open reels, 16mm cartridges, fiches, jackets, and aperture cards.

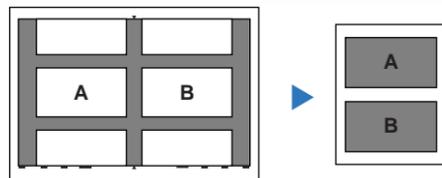
## ■ Speedy image capture

Take advantage of the MS 800's high speed scanning capabilities to boost productivity. A4-size scanning is completed in a mere 3 seconds per image at 200dpi, or just 3.4 seconds per image at 300dpi. Complementing this speed is a collection of convenient features that includes Automatic Size Detection, Automatic Negative/Positive Detection, and Automatic Skew Correction. To achieve efficient high volume batch processing, the MS 800 can be paired with the FS Controller III for automated image retrieval.



## ● Overlay Mode

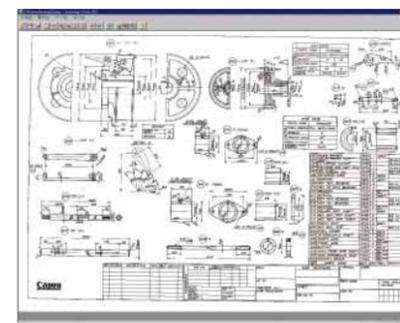
The Overlay Mode is a valuable tool to have when working with check images stored on film. Operating in this mode, the MS 800 scans the front and back of the check, then automatically repositions the images into a single, portrait-oriented image file.



# User-friendly Operation

## ■ Versatile utility software

The Scanning Utility 800 – a robust scanning software compatible with Windows 95/98 and Windows NT 4.0 – ensures smooth operation with whatever job you're working on. It has an easy-to-use interface for making all necessary scan settings, and supplies four different file formats to choose from: TIFF, BMP, JPEG, and JBIG. The Scanning Utility 800 also provides a function for imprinting various types of information on the image data, including counters, dates, film address, and user-specified character strings.



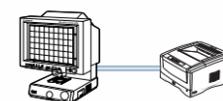
## ● Scan & print convenience

Using the Scanning Utility 800 software, you can send scanned images directly to an on-line laser printer, without going through the extra steps of first saving the images and then switching application programs to print.



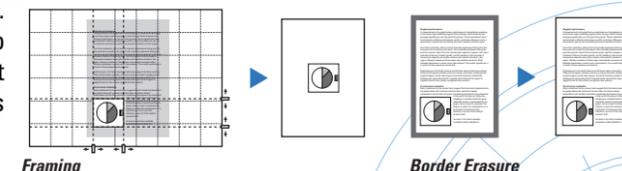
## ● Digital Microprinter

Another way to cover basic document printing needs is to create a Digital Microprinter system by connecting the MS 800 directly to the Canon Fileprint 400. The Digital Microprinter configuration delivers a first printout in only 13 seconds, and produces hard copies of up to A3-size.



## ■ Easy-to-use operation panel

Just as the wide, A3-size screen provides comfortable viewing of documents, the MS 800's operation panel makes it easy to use its many features. Autofocus is accessed with a single button press, and specific magnifications can be registered for one-touch recall using any of the three Memory Zoom keys. Among the other features available are Border Erasure – which delivers clean printouts when working with negative film – and Image Rotation. By using the Framing Kit, you can trim the displayed image to isolate exactly the part of the document you wish to scan or print out. And, to facilitate subsequent use, there are six Function Keys for storing the current panel settings.



# TOP RESULTS WITH DIVERSE APPLICATIONS

Introducing the Canon Microfilm Scanner 800, a wide screen unit offering superior performance for a wide range of applications. Its A3-size capability provides high fidelity reproduction of large format documents such as engineering drawings and newspapers. Plus its fast scanning capability makes it ideal for high volume processing or media conversion. Increased productivity is supported by the MS 800's excellent user interface.