

MICROFILM SCANNER 300/350 SPECIFICATIONS

Main Unit		General		Fileprint 450		
Type	Desktop digital microfilm scanner	Power consumption	120V AC, 50/60Hz, 2A 220-240V AC, 50/60Hz, 1.2A	Type	Non-impact page printer	
Screen size (H x W)	300 x 300 mm	Acoustic noise level	Less than 66dB	Print speed (A4/LTR)	10ppm (7.5ppm in slow-down mode)	
Scanning method	600dpi digital scanning	Work environment	10-32.5°C (50-90.5°C), 10-80% RH	First print time	Approx. 14 seconds (High Speed mode, 300dpi)	
Film	Negative, Positive, Negative/Positive auto switching	Dimensions	442(W) x 541 (D) x 668 (H) mm	Warm-up time	9 seconds or less	
Light source	Halogen lamp (20v 150W)	Weight	Approx. 26kg	Dot pitch	600 x 600 dpi	
Film		Options		Paper cassette	250 sheets (500 sheets with optional cassette)	
Film types	Silver film, Diazo film (blue/black)	Film carriers	FS Controller III or VIII, Sensor Unit 1/2/1C/2C for FS Controller 1, AC100C/M/R, FC190RIL, RFC200, Installation Kit L/M	Output stacker	250 sheets face down	
Base density	0.6 to 1.4 for negative, 0.3 or less for positive	Lenses	Single lens: x7 Zoom: x9.5-x16, x10-x24,x16-x32, x30-x55, MS 350 only: x20-48	Dimensions (WxDxH)	490 x 502 x 300mm	
Scanning		Other	DMP Board for connecting Fileprint 450/250, Framing Kit, Foot Switch (MS 350 only)	Weight	23kg without toner cartridge	
Scan Sizes	A4, Letter, Legal	Capture Perfect		Fileprint 250	Type	Non-impact page printer
Density Control	AE, Manual	Page Sizes	A4, B5 (ISO), B5 (JIS), Legal, Letter, Scanner's Maximum, Framing, Auto-detection, Auto-detect with Margin.	Print speed (A4/LTR)	8ppm	
Scan modes	Black & White, Error Diffusion, Text Enhanced, 256-level Gray	Functions	Scan to Mail, Scan to batch, Converter Mode, Scan to Print, Reader-Printer mode, Image Rotate Save, Multi Scanner	First print time	Face up approx. 19 sec (High Speed mode, 300dpi) Face down: approx. 20 sec. (High Speed mode, 300 dpi)	
Resolution	200dpi / 300dpi / 400dpi / 600dpi	Image adjustment	Edge Emphasis, Noise Removal, Erase Notch, Deskew, Gamma Compensation	Warm-up time	9 seconds or less	
Scan options	Border Removal, Trimming, Centering, Full Framing, Automatic Page Size Detection, Deskew, User Preference, Prescan, Scan Panel	File formats	TIFF, JPEG, PDF	Dot pitch	600 x 600 dpi	
Scan speeds (A4)	5.5 sec (200dpi) / 7.5 sec. (300dpi)/ 10.0 sec (400dpi) / 16.0 sec. (600dpi)	Viewing functions	Zoom In/Out, Rotate Left/Right, Best Fit, Fit to Width, Next Page, Previous Page, Go to Page	Paper tray	125 sheets	
Multiprint	Preset up to 99 prints	Printing Functions	Actual Size, Fit paper, Actual Pixels	Output stacker	50 sheets	
Image adjustment				Dimensions (WxDxH)	345 x 312 x 267 mm without paper tray	
Focus	MS 300: manual MS 350: motorised			Weight	6.4kg without toner cartridge	
Zoom	MS 300: manual MS 350: motorised					
Rotation	MS 300: manual MS 350: motorised					

The above scanning speeds apply to PCs with the following specifications

• CPU: Intel Celeron 733MHz or faster • RAM: 256MB or more • 400MB or more of free hard disk space

The following functions are not available in DMP (Digital Microprinter) mode: 200dpi scanning, Deskew, Error Diffusion mode in 600dpi scanning, Text Enhanced mode.

Specifications are subject to change without notice. Products and product names appearing in this brochure are the property of their respective owners.

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**Microfilm Scanner
MS300/350**

**Maximise your microfilm
resources**



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The versatile solution to microfilm scanning

Superior quality film scanning

The MS300 and MS350 provide scanning resolution of up to 600x600 dpi. Each has four modes to choose from: Black & White, Error Diffusion, Text Enhanced, and 8-bit Grayscale. Text Enhanced is a useful mode for handling images with difficult-to-read text, as it emphasises the text areas to improve legibility. All modes allow further enhancement through noise removal, skew correction and other functions.

Reader-Printer mode

Even when they are connected to your PC network, the MS300 and MS350 can be operated as easily as standalone devices. In Reader-Printer mode, you simply push the Start button and data is transferred directly to a network printer. Scanner settings can emphasise quality (for example, 600dpi grayscale) or speed (5.5 seconds per image, 200dpi binary).

Digital Microprinter

Connecting the Microfilm Scanner to a Fileprint 450 or Fileprint 250 results in a standalone Digital Microprinter system, which has the benefits of easy operation and fast printing. The Fileprint 450 offers a fast first print time, rapid 10 ppm output, and A3-size printing. Its paper supply expands to 500 sheets with an optional cassette. The compact Fileprint 250 delivers 8 high-quality prints per minute.

Built-in operation panel

All the essential features of a microfilm reader-printer are supplied on the scanners' built-in operation panel. Among these features are automatic detection of negative or positive film type, brightness adjustment, and automatic exposure. Two types of border removal are included to create cleaner printouts. If you wish to capture a specific part of the displayed image for a printout, an optional Framing Kit lets you trim the image as desired.

Ergonomic keyboard (MS 350 only)

In addition to all the basic features of the MS300, the MS350 is equipped with a keyboard that promotes user comfort during extended work sessions. This keyboard makes it easy to adjust the image display and make print settings. Zoom, focus, and image rotation are motorised on the MS 350.

Cost-effective in different ways

Power Saver mode automatically kicks in after 15 or 60 minutes to reduce power consumption. Also, up to 7 scanners can be connected to a single PC, which allows sharing of a network printer and saves investment costs on extra hardware.

Canon CapturePerfect Software

User-friendly scanning for diverse needs

CapturePerfect boosts the productivity of microfilm scanning while keeping things simple. Its Scan Panel appears on your PC monitor, and offers an easy way to adjust image quality and start scanning. A related feature - Prescan, eliminates the trouble of reprinting. It gives you control over the brightness of your images, so you can get a high-quality printout right away. Many other useful functions are also provided.

- Scan-to-Print streamlines the process of making printer settings.
- With Scan-to-Mail, your image data is automatically attached to a new message from your email software. Distributing microfilm-based information could not be easier.
- Four file formats are included: TIFF, BMP, JPEG and PDF. When PDF is selected, you have the

option to embed OCR data in the image file. This enables text searches to be performed on it later on.

- Batch scanning functions make it possible to scan multiple images at once.
- Image display tools allow you to resize or rotate the image on the PC monitor.
- As many as 20 sets of scanner settings can be stored for easy retrieval.



Easy to use operation panel



FP450 or FP250 for a standalone Digital Microprinter System



MS350 motorised zoom, focus and image rotation