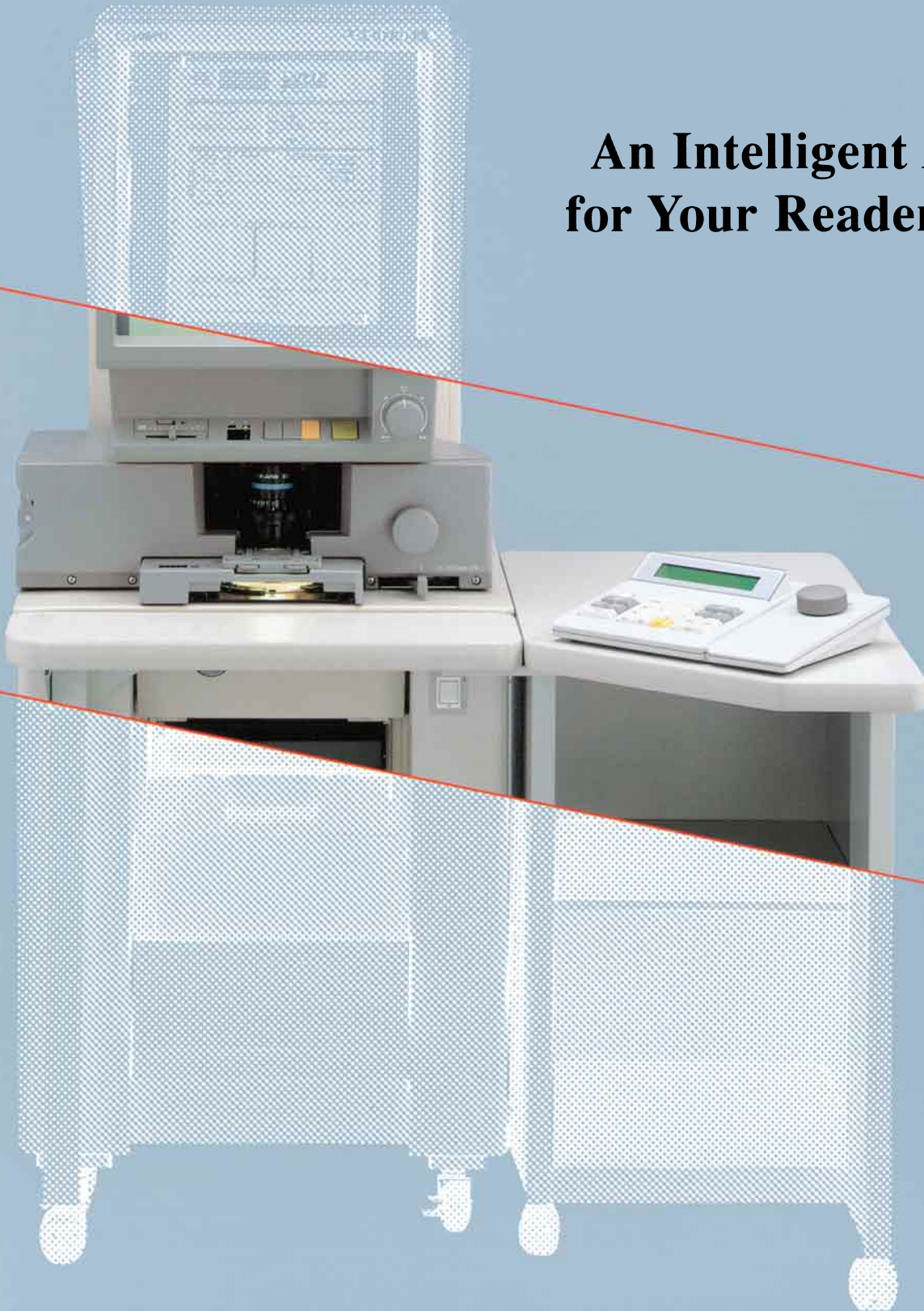


Canon

FS Controller I

**An Intelligent Addition
for Your Reader-Printer**



FS CONTROLLER I

Transform your Canon universal reader-printer into a versatile automatic retrieval system with the new FS Controller I. It automatically retrieves just about any 16 mm cartridge film exposed with blips. Featuring a simple, easy to use design and a built-in RS232C interface, the FS Controller I is the perfect way to upgrade your present microfilm system.

- Automatic search and retrieval of 16 mm blipped films
- Upgrades your existing Canon universal reader-printer
- Retrieves virtually all 16 mm microfilm formats available
- Enables computer controlled image search via built-in RS232C interface



Direct and speedy image access

Up to 9 preset search modes assure speedy access to your images no matter what the format. You can search automatically on blips of up to 3 levels, duo films, and even bliplless odometer-indexed films using one of four interchangeable blip sensors. There is also a manual image search using the handy film transport control knob. For added convenience, you can store addresses and commands in 100 memory registers.



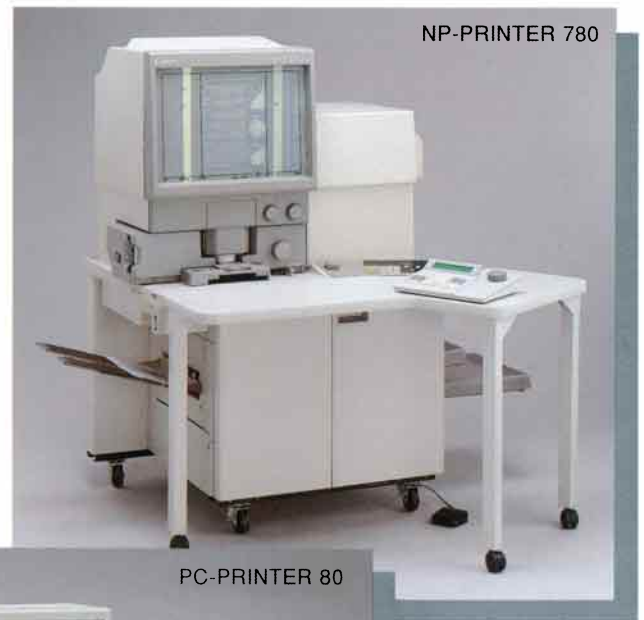
Blip Sensors

Designed for comfort and speed

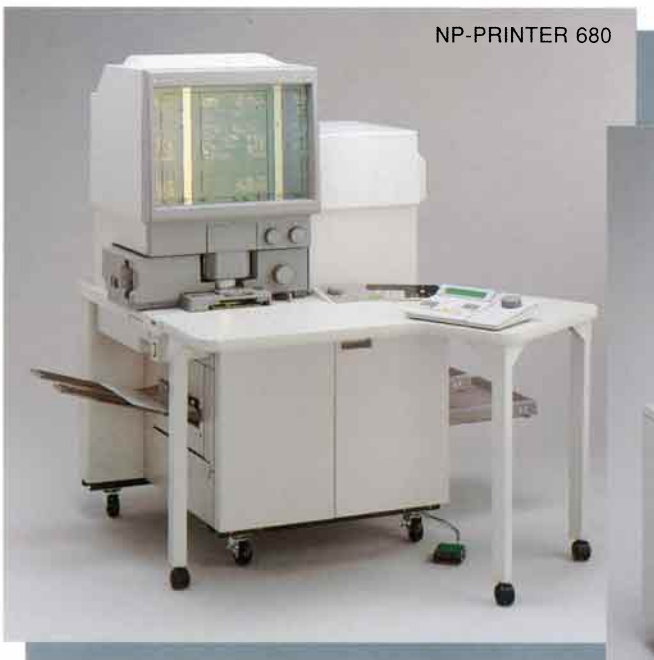
The user-friendly design of the FS Controller I means trouble-free operation. Cartridge loading is fully automatic with a single carrier handling both ANSI and 3M cartridges. For secure film transport, a built-in sensor can detect the end of the film and automatically stop winding. And to keep you informed of all operations from beginning to end, the FS Controller I displays messages of operating conditions, and any instructions for the operator.

Built-in expandability

Create a modern microfilm management system by connecting the FS Controller I to a computer network via the RS232C interface.



NP-PRINTER 780



NP-PRINTER 680



PC-PRINTER 80

Specifications of FS Controller I

Type:	Automatic retrieval unit
Applicable Reader-Printers:	PC Printer 80, NP Printer 780, NP Printer 680, Digital Microprinter 100
Film:	<ul style="list-style-type: none">16mm cartridge (ANSI -, Ektamate - and 3M - type)Silver or diazo (except sepia) of 2.5 mil - to 5 mil - thickness
Diameter of Wound Film:	45mm to 84mm
Image Polarity:	Negative
Film Threading:	Automatic
Film Threading Time:	4.5 seconds or less
Film Rewind Speed:	12 seconds or less / 100ft
Search Mode:	<ul style="list-style-type: none">User-selectable 9 modes: Modes 1 - 6 are set up at installation while modes 7 - 9 are freely set up by customerCAR mode (Automatic setting)
Keyboard Display:	16 - digit, LCD with scrolling
Data Input:	9 - digit maximum for cartridge number, and for each blip level
Image Adjustment:	<ul style="list-style-type: none">± 4 mm vertical scanning using the lever controlFine Position adjustment using the manual transport control knobImage rotation by carrier (90 degrees, counterclockwise)
Search Control:	Interchangeable four blip sensors are available: <ul style="list-style-type: none">Multilevel search using opaque blip counting on A and / or B channels, or odometer search for non-blipped film.Browsing with adjustable projection period (0.5 - 99 seconds), relative address search using the + / - keys for page / file / batch
Automatic Printing:	NP Printer 780, NP Printer 680 and Digital Microprinter 100 can receive print commands from FS Controller I, while PC Printer 80 cannot. Therefore the following automatic print functions are available through FS Controller I in the former reader-printers only: Page Range Print, File / Batch Print, File / Batch Range Print, Page Browsing Print, Memory Print
Memory:	100 registers
Interface:	Built-in RS232C
Power Consumption:	Approx. 40W
Dimensions: (H × W × D)	Carrier: 140mm × 510mm × 340mm (5-1/2" × 20-1/16" × 13-3/8") Control Keyboard: 65mm × 275mm × 215mm (2-9/16" × 10-13/16" × 8-7/16")
Weight:	Carrier: 14.3kg (31.6 lbs) Control Keyboard: 1.2kg (2.6 lbs)

These specifications are subject to change without prior notice.

Ektamate is a trademark of the Eastman Kodak Company.
3M is a trademark of the Minnesota Mining and Manufacturing Company.

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