

Canon

NP Printer 880/980

■ Introducing the NP-P880/980 ■

**The Core Of An
Effective Information
Management System**



Print-Outs from the Superior NP-P880/980

In today's information-oriented society, microfilm-based management systems offer the convenience of a safe, cost-efficient information management method. And at the heart of an effective microfilm-based system is Canon's NP-P880/980 reader printer. Not only does it boast the fastest operating speed of all currently available microprinters, Canon's advanced copying and optics technology ensures that the NP-P880/980 also delivers consistently high-quality output. Plus it offers a range of advanced features such as automatic editing functions, automatic exposure control and motorized zooming. Finally, improved durability and simplified maintenance guarantee even greater productivity. Together this combination of fast operation, high-quality print-outs and advanced features distinguishes Canon's NP-P880/980 from all other microprinters.



Higher Productivity

Faster Output Improves Productivity

Faster output makes the NP-P880/980 the answer to your high-volume print needs. It boasts the fastest printing speed of the currently available microprinters, delivering the first copy in less than 5 seconds. It also produces subsequent prints at the speedy rate of 30 copies (A4/LTR) per minute. This fast operation improves efficiency and productivity.

Convenient Paper Cassettes

The large paper supply is ideal for high-volume output; the two front loading cassettes hold up to 500 sheets each (A4/A3/Letter/Ledger)*. Optional cassettes are also available in other sizes.



*Standard cassettes vary according to region.

PRODUCTIVITY

Improved Durability

Simplified maintenance allows even greater productivity. Self diagnostic functions simplify maintenance, while the adoption of an OPC drum improves durability, thereby ensuring long-term high-quality output.

Economical Operation

Power saving features on the NP-P880/980 ensure more economical operation. You can choose between two operational modes: read/print mode and read only mode. You can also choose standby; in this mode the NP-P880/980 will lower its temperature and turn off the screen indicators to save power.

HIGH-QUALITY

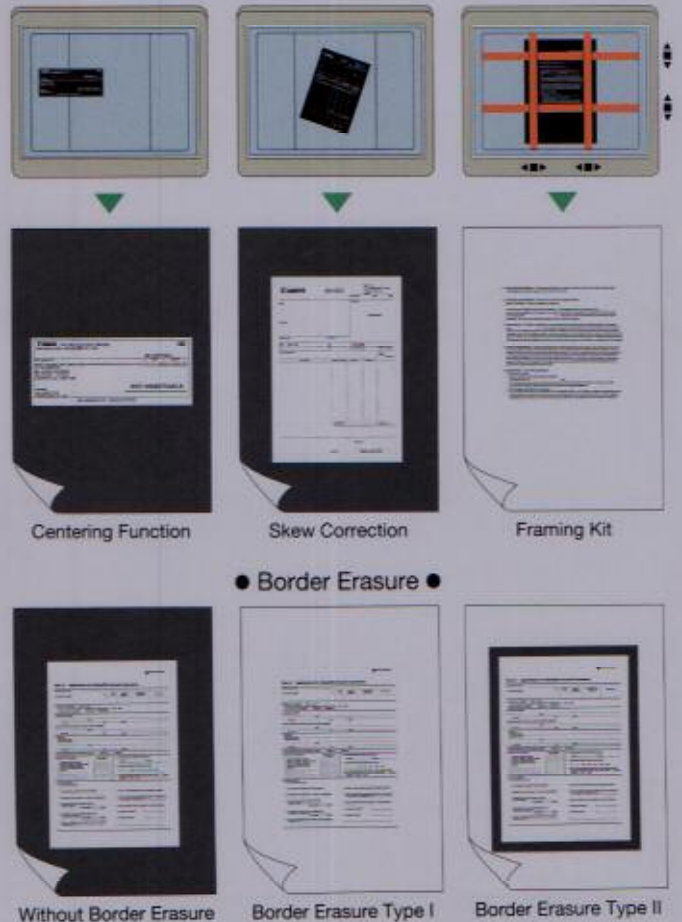
Consistently High-Quality Output

Canon's Imaging Expertise

The NP-P880/980 boasts the kind of high-quality output you expect from the image experts at Canon. The use of an extremely sensitive OPC drum and top-quality toner guarantees consistently high-quality print-outs. The Automatic Exposure (AE) system delivers excellent prints from any film type; it automatically controls the density to guarantee the best possible copy quality, all the time. In addition, manual exposure adjustment is also possible.

More Attractive Print-Outs

The optional Intelligent Print Kit offers a variety of image editing functions such as skew correction, centering and two types of automatic border erasure. As an additional advantage, trimming the border also drastically cuts down on wasted toner. You can also select the optional Framing Kit. This convenient function lets you designate the on-screen area you want to print. Now it's remarkably easy to produce attractive, cost-effective printouts.



Advanced Features Simplify Operation

The NP-P880/980 boasts a variety of user-friendly features like motorized zooming, focusing and 360° image rotation by built-in prism. It can also memorize three zoom settings. In addition, automatic paper feed selection* further simplifies operation by automatically choosing the correct paper size for the on-screen image.

*Only available when Intelligent Print Kit has been selected.

Ergonomic Design

The NP-P880/980 is designed for ease of use. The operation & set-up keys give you fingertip control of many functions. Plus its compact design allows it to fit easily into almost any working space.

User-Friendly Large Screen

The screen on the NP-P880/980 offers maximum operational ease. Its large A3/11"x17" size and push button control of screen brightness ensure greater eye comfort. Plus it also allows quick image positioning.

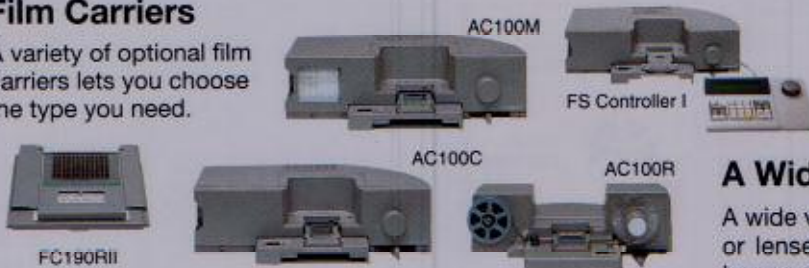


VERSATILITY

Greater Versatility

Film Carriers

A variety of optional film carriers lets you choose the type you need.



Flexible Film Carriers to Handle All Film Formats

FILM CARRIER	FILM FORMAT	REMARKS
Fiche Carrier 190RII	Aperture Cards Fiche/Jackets	<ul style="list-style-type: none"> Two index plates offering four frame formats: 63; 98; 208; and 270 frames. Self-opening glass flats for simple film loading.
Autocarrier AC100C	16mm Cartridges -ANSI, M-Type	<ul style="list-style-type: none"> Automatic threading. High-speed film advance/rewind of 10.5 seconds/100ft.
Autocarrier AC100M	16mm Cartridges -3M, TUSCAN M-Type	<ul style="list-style-type: none"> Automatic film end detection. Easy-to-read 4-digit LED display odometer.
Autocarrier AC100R	16mm/35mm open reels	<ul style="list-style-type: none"> Semiautomatic threading. Accepts both direction of wound processed film. Automatic film end detection. Easy-to-read 4-digit LED display odometer.
FS Controller I	Any 16mm cartridge film exposed with blips	<ul style="list-style-type: none"> Automatic search and retrieval of 16mm blipped films. Upgrades your existing Canon Universal reader-printer. Retrieves virtually all 16mm microfilm formats available. Enables computer controlled image search via built-in RS232C interface.

A Wide Range of Lenses

A wide variety of optional lenses allows you to select the lens or lenses to meet your particular output needs. Two fixed lenses and four zoom lenses are available: X53, X57, X7~7.5, X9~16, X14~30 and X20~50. Plus the wide range of the zoom lenses eliminates the need to frequently change lenses.



Option Kits

Two option kits further expand your output possibilities. Intelligent Print Kit offers many automatic features: centering, skew correction, two types of border erasure and paper size selection. Framing Kit allows you to designate the on-screen area you want to print.

Bimodality (NP-P980 only)

The NP-P980 can make positive prints from either negative or positive film images. When you set the NP-P980 to automatic negative/positive selection, it will automatically select the correct mode for the original.

Specifications NP Printer 880/980

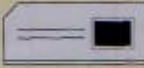

Type	Floor-type universal reader-printer
Print Process	Canon NP plain paper process by dry electrostatic transfer; Single component dry toner projection development system
Film Type	Silver or Diazo
Film Carriers	Five optional interchangeable carriers: (1) Autocarrier 100C ANSI, Ektamate* and 3M-type** 16mm cartridges (2) Autocarrier 100R for 16mm/35mm open reels (3) Autocarrier 100M A for 3M-type, Tuscan*** M-type, and other M-type 16mm cartridges (4) Fiche Carrier 190Rill for fiche/jackets/aperture cards (5) FS Controller I for automatic retrieval of ANSI, Ektamate and 3M-type 16mm cartridges
Screen	300mm x 435mm (12 ¹ / ₄ " x 17 ¹ / ₈ ")
Lens (options)	4 zoom lenses: X7-X7.5, X9-X16, X14-X30, X20-X50 (drop-in and motorized zooming); 2 fixed drop-in lenses: X53, X57
Image Rotation	360° by built-in, motorized prism
Focusing	Knob, motorized fine control
Print Sizes	A3, A4 (vertical/horizontal), Ledger, Letter (vertical/horizontal), Legal, B4, B5, Statement (vertical)
Paper Supply	Automatic feed by two front loading 500-sheet capacity cassettes; A4 and A3 cassettes or U.S. Letter and Ledger cassettes as standard
Print Speed	First copy: Less than 5 sec.; Subsequent copies: 30 prints per minute (A4/U.S. Letter size)
Multiprint	1-99 by ten key preset
Special Print Modes	Intelligent Kit: Automatic border erasure, centering, skew correction, paper size selection Framing Kit: Designating the area to print
Bimode (NP-P980 only)	Automatic or manual selection of film polarity
Special Features	Reader/Reader Printer mode, Standby mode, Reproduction ratio memory
Density Control	Automatic or manual
Screen Illumination Adjustment	Adjustable (default value is adjustable)
Consumables	For negative film: M Drum Unit 30, M Toner 30N; For positive film: M Drum Unit 30, M Toner 35P
Light Source	24V 150W halogen lamp
Electrical Requirements	120V 50-60Hz, 220-240V 50-60Hz; 1.2 kW max.
Dimensions (HxWxD)	1,351mm x 790mm x 687mm
Weight	130kg (286 lbs)
Operating Environment	10°C-32.5°C (50°F-90.5°F)
Optionals	Intelligent Kit, Framing Kit, Paper Tray, Optional Cassettes (A4R, B4, B5/LetterR, Legal, Statement)

*Ektamate is a trademark of the Eastman Kodak Company
**3M is a trademark of the Minnesota Mining Manufacturing Company
***Tuscan is a trademark of the Tuscan Corporation





These specifications are subject to change without prior notice.

A Wide Magnification Range to Meet Any Requirement

Canon Drop-in Lenses for 35mm Images

Film Format	Lens	Print Size
 Aperture Card	A0/MIL-E (30X)	X7-X7.5 A4/Letter
	A1/MIL-D (21X or 24X)	X7-X7.5 A4/Letter X9-X16 A3/Ledger
 35mm Roll Film	A2/MIL-C/ 18"x24" (15X or 16X)	X7-X7.5 A4/Letter X9-X16 A3/Ledger
	A3/MIL-B (15X or 16X)	X9-X16 A4/Letter/ A3/Ledger
	A4/MIL-A (15X or 16X)	X9-X16 A4/Letter

Canon Drop-in Lenses for 16mm Images

Film Format	Lens	Print Size
 Fiche	60 frames	X14-X30, X20-X50 A4/Letter
	63 frames	X14-X30 A4/Letter
	96 frames	X14-X30, X20-X50 A4/Letter
	206 frames	X14-X30, X20-X50 A4/Letter
 Jacket	270 frames	X20-X50 A4/Letter
	325 frames	X20-X50 A4/Letter
	420 frames	X20-X50 A4/Letter
	Ultrafiche (72X)	X53, X57 A4/Letter
 16mm Cartridge	RF1000 (24X), CF300(25X)	X14-X30, X20-X50 A4/Letter
	CF300 (32X)	X20-X50 A3/Ledger
 16mm Roll Film	RF1000 (45X)	X20-X50 A4/Letter
	RF1000 (57X)	X57 A4/Letter

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