

RP 605Z

Complete Universal Microfilm System



MINOLTA



A new level of speed, efficiency
and convenience...

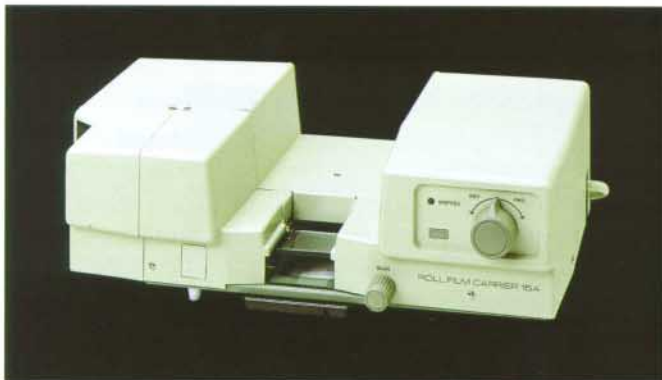
HOLSON
FAX/FACSIMILE COMMUNICATIONS



...in a versatile microfilm system...

A complete universal microfilm system, Minolta's new RP605Z provides a new level of convenience, economy and productivity. Compact, yet, with a generous 12" x 12" viewing screen, the RP605Z provides simple, logically arrayed controls to ensure superior operating comfort and ease of use. Minolta's superior optics and proven Micro-Toning System combine to produce clean, crisp, high-contrast prints on plain paper, conveniently delivered in the built-in front copy tray.

And when used with the optional MARS Controller-4, the RP605Z is capable of a variety of highly sophisticated retrieval and printing functions, including computer assisted search and retrieval using AIIM Standard CAR (Computer Assisted Retrieval) commands.



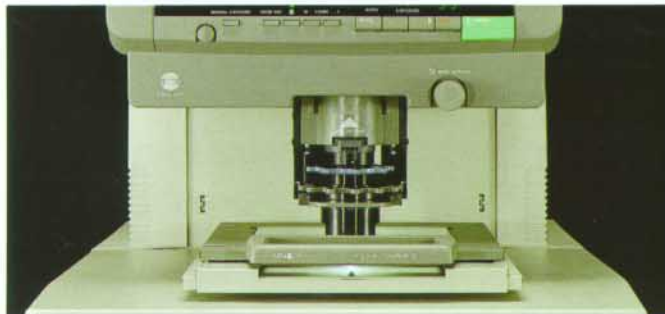
Roll Film Carriers 15A and 15M The RC-15A/M roll film carriers provide completely automatic, high-speed motorized loading and rewinding of 16mm ANSI (RC-15A) or M-type (RC-15M) cartridges—simply insert a cartridge, and the film automatically loads in seconds.

Search, retrieval, printing and rewinding are all performed using the compact remote control unit. A vertical scanning control permits highly precise positioning or centering of duplex images.

To rewind, simply press the Rewind button—the end of the film is automatically sensed and rewinding stopped before the film can be damaged.

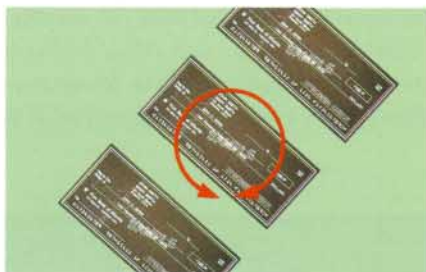
Roll Film Carrier 9B The new RC-9B roll film carrier lets you view either 16mm or 35mm open reel film without having to change carriers. Film loading is easy and semiautomatic. Rewinding is fully automatic and just the touch of a button away.

The RC-9B also offers automatic end-of-film sensing, full-function remote control, vertical scanning control, high-speed retrieval and variable speed film scanning. An optional 4-digit odometer is available for retrieving images from films without blip marks.



Fiche Carrier 5 With the FC-5 microfiche film carrier, the RP605Z can handle microfiche, jackets and aperture cards. The upper glass opens automatically when the carrier is pulled out for insertion of these microforms.

...with automatic search, retrieval and printing.



Optical Image Rotation Images of documents that were skewed during filming can be quickly and easily adjusted with the RP605Z. These images can be rotated up to a full 360° in either direction for perfect viewing and printing alignment every time.



Zoom Lenses The RP605Z's zoom lenses provide the ultimate in magnification ease and versatility by eliminating the need to frequently change lenses. A smoothly rotating zoom dial provides quick, even zooming for viewing and printing at optimum magnification. Choose from three zoom lenses: 9x-16x, 13x-27x and 23x-50x. Conventional lenses with 7.5x, 56x and 87x magnifications are also available.



250-sheet Paper Cassette Conveniently located at the front of the unit for maximum ease of refilling, the paper cassette holds up to 250 sheets of letter-size plain paper, reducing the need to frequently stop printing in order to refill the cassette.



Automatic Frame Masking The RP605Z's Automatic Frame Masking function eliminates heavy black borders from a print. Simply press the Frame Masking key. The result is a more professional-looking print as well as lower toner consumption for more economical operation.



Automatic Bi-modal Printing Add the optional Bi-modal printing unit and the RP605Z can produce positive copies from both negative and positive microfilm images without any intervention by the operator. The RP605Z automatically senses the type of film being used and sets the polarity accordingly. There's no guesswork and no need to change toner cartridges.

Automatic Exposure Control Minolta's exclusive electronic automatic exposure control system assures consistently excellent copies from every type of film. This sensitive exposure system is sophisticated enough to provide optimum quality prints even from films of varying density. Manual adjustment over a wide exposure range is also possible for handling films with special requirements.



The new Minolta MARS Controller-4 is a powerful tool that increases the efficiency of the RP605Z's search, retrieval and printing functions.

An automatic, programmable control unit, the MARS Controller-4 offers an array of sophisticated functions, including 3-level search and retrieval (Block, Batch, Item), numerous printing and browsing modes and Image Management Code reading capability.

Moreover, a built-in RS-232C interface allows the MARS Controller-4 to be connected to various computers for downloading search and printing commands.

High-Speed Search & Retrieval Thanks to its highly precise Off Gate Sensing System and innovative encoder software, the MARS Controller-4 speeds through a roll of film in seconds. For example, during single-level retrieval, the film moves at top speed until it is within a few frames of the desired image, then slows down and stops precisely at the requested frame. The position of the image can be more finely adjusted with the ← and → keys.

The advanced technology of the MARS Controller-4 also provides other valuable capabilities, including rapid paging, reverse-direction search and retrieval, and reading of Image Management Code.

A Variety of Copying Modes Plus a Convenient Browsing Mode The MARS Controller-4 provides a wealth of printing options, including printing of a specific frame or an entire block or batch. You can print any single frame in a series of batches or from any item to any other item by means of the Through Print function. The MARS Controller-4 also permits continuous printing.

For easier browsing, the duration of the pause at each frame can be set to between 1 and 9 seconds per frame—perfect for quick scanning or more thorough reviewing. You can even make copies while in the Browse mode!

Computer Interface Functions A standard RS-232C interface enables the MARS Controller-4 to communicate with a computer, allowing even more highly sophisticated search, retrieval and printing functions. In the On-Line mode, commands are received from the computer and executed one at a time. In the Memory mode, several commands can be downloaded into the MARS Controller-4 at the same time for later execution. For even greater versatility, the RP605Z accepts the full set of industry-standard AIIM CAR (Computer Assisted Retrieval) commands as well as Minolta's exclusive Minolta CAR Command set.

A Versatile Array of Search and Retrieval Modes, Including 3-Level Search/Retrieval

Minolta's new MARS Controller-4 gives you a choice of 9 search and retrieval modes, including 3 film search levels (Block, Batch and Item) and odometer search and retrieval (for films without blips). In addition, the MARS Controller-4 permits two-channel sensing of both Simplex and Duo film.

- Mode 1: A-ch Simplex (A-B ch duo)
- Mode 2: B-ch Simplex (B-A ch duo)
- Mode 3: B-ch Batch (File), A-ch Item (Page)
- Mode 4: A-ch Batch (File), B-ch Item (Page)
- Mode 5: A-ch 2-level (A-B ch, 2-level duo)
- Mode 6: B-ch 2-level (B-A ch, 2-level duo)
- Mode 7: A-ch 3-level (A-B ch, 3-level duo)
- Mode 8: B-ch 3-level (B-A ch, 3-level duo)
- Mode 9: Odometer (1 count = approx. 1/2")



RP605Z SPECIFICATIONS

Type:	Floor-type reader printer
Copying method:	Dry copying on plain paper
Developing system:	Minolta Micro-toning system
Density control:	Automatic and manual
Film:	Microfiche, Jackets, Aperture cards, 16mm & 35mm roll film, Cartridges
Screen:	12" x 12" (305mm x 305mm)
Magnification:	9 x -16 x, 13 x -27 x, 23 x -50 x 7.5 x, 56 x, 87 x
Image rotation:	Prism rotation
Copy sizes:	Letter size (A4) 8-1/2" x 11" (210mm x 297mm)
Copying speed:	10 copies per minute
First copying speed:	8 seconds
Warm-up time:	50 seconds
Multiple copying:	1-99 copies (LED countdown indication)
Paper supply:	Autofeed 250 sheet cassette
Dimensions:	26-9/10" (W) x 32" (D) x 51-1/5" (H) 684mm(W) x 813mm(D) x 1300mm(H)
Weight:	154 lbs. (70 kg)
Options:	Fiche Carrier 5 Roll Film Carrier 9B Roll Film Carrier 15A Roll Film Carrier 15M Mars Controller 4 Bi-mode Kit Auto Masking Unit Foot Switch Lenses Prism *Specifications subject to change without notice.



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