



KONICA MINOLTA

DR1600 Intelligent Planetary Microfilm Recorder

Automatic Focus and Reduction No need for manual adjustments. DR1600 automatically determines document size, focuses, and sets reduction ratio.

Automatic Exposure Control Sharp, clear images time after time. Fluorescent lamp system provides uniform illumination for consistent exposures. Manual exposure control also possible for handling special filming needs.

Full Upright Images Every Time Automatically senses document width and selects correct aperture size. Records up to legal size (8.5" x 14") in single frames; larger sizes in double-width frames. All recorded images are upright for easy viewing.

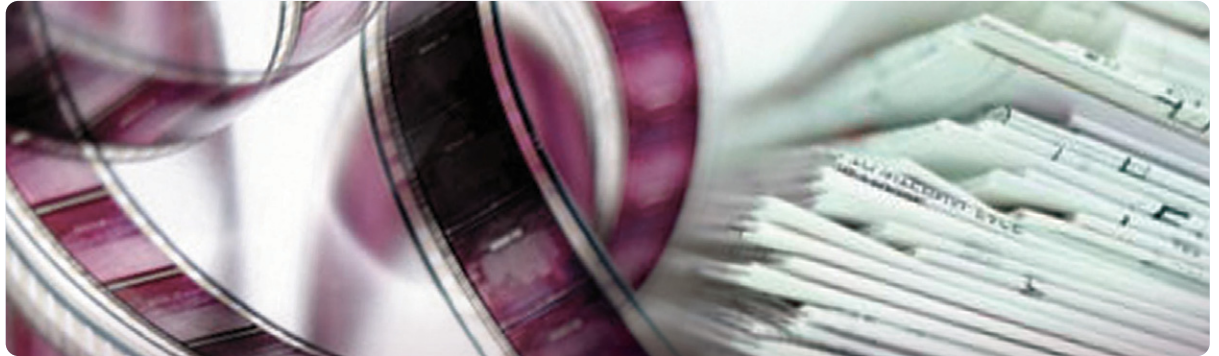
Frame Indexing Faster, easier frame identification. Select and record frame numbers and/or blip marks. Input up to three 4-digit numbers or a single 12-digit number for each frame. Numbers appear along top of frame.

Optional RS-232C Interface Connect a PC to the built-in RS-232C, and the DR1600 becomes a data entry camera or CAR (Computer Assisted Retrieval) system, with full control of camera operations via computer.

Zero-Space Filming Eliminate the gap between frames. Record more documents per roll while minimizing the flicker effect seen when viewing moving film.

High-Quality Images Konica Minolta lenses produce high-resolution images from a wide variety of originals — single sheets of paper to books up to 2cm thick — at all focal distances.

Single Corner Positioning Document filming made simple — only a single corner needs to be positioned correctly.



Intelligent Planetary Microfilm Recorder. The intelligent desktop microfilm camera for today's microfilming needs. Fast, simple, and versatile. Automatic aperture size selection (single frame or double frame), frame indexing, and single corner positioning maximize productivity, image quality, and ease of use.

DR1600



The essentials of imaging



DR1600 Intelligent Planetary Microfilm Recorder

Specifications

Type:

Planetary desktop microfilm recorder

Film:

16 mm x 100 feet
(5 mil thick roll film)
16 mm x 125 feet
(4 mil thick roll film)
16 mm x 215 feet
(2.5 mil thick roll film)

Frame Counters:

12-digit resettable LED display
7-digit non-resettable mechanical counter

Lens:

f/5.0, 28 mm

Resolution:

115 lines/mm

Shutter:

Electromagnetic, solenoid-operated

Reduction Ratio:

25:1, 32:1

Original Size:

Max. 11" x 17" (A3)

Exposure Control:

Automatic or manual

Light Source:

Two fluorescent lamps (15W each)

Power Source:

AC local voltage

Power Consumption:

200W

Frame Size:

9.7 mm x 12.6 mm (single frame)
18.2 mm x 12.6 mm (double frame)
switchable

Pull Down:

10 mm (single frame) or 18.5 mm
(double frame)

Variable setting between 11.75 mm
and 20.25 mm

Document Mark:

Built-in, tri-level type

Dimensions (WxDxH):

35.5" x 27.5" x 41.5"
(902 mm x 700 mm x 1,054 mm)

Weight:

90 lbs. (41 kg)

Options:

RS-232C Interface
Foot Switch
6-Digit Resettable
Mechanical Counter

High-Quality Images

Crisp, clear images from a variety of sized originals

Manual Exposure Control

Ideal for special filming needs

Automatic Exposure Control

Sharp, clear images automatically

Single Corner Positioning

Speeds and simplifies document handling

Frame Indexing

Identify frames with blip marks, time, date, etc.

Full Upright Images

All recorded images are upright for easy viewing

Optional RS-232C Interface

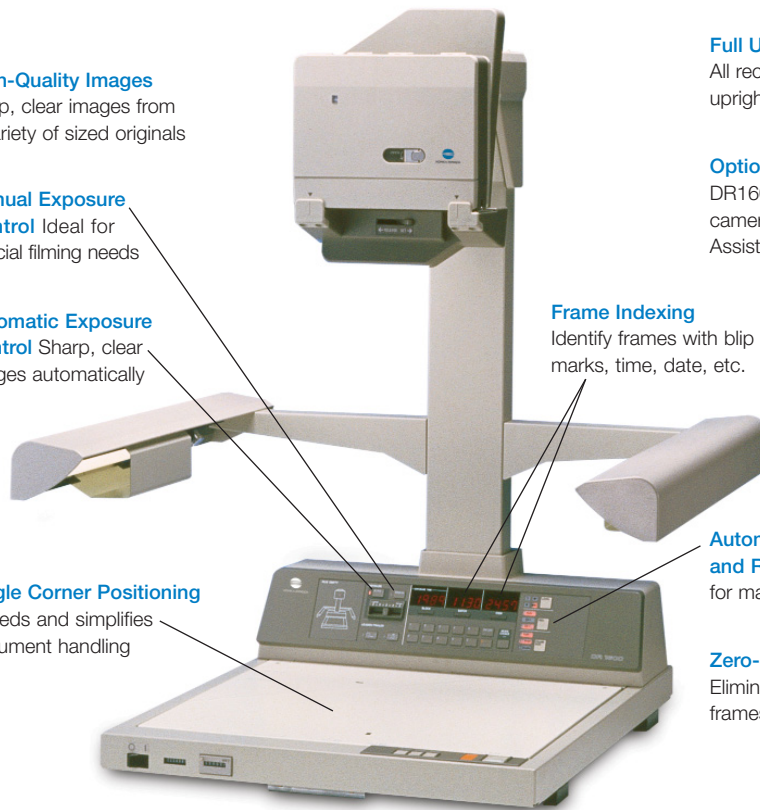
DR1600 becomes a data entry camera or C.A.R. (Computer Assisted Retrieval) system

Automatic Focus and Reduction

No need for manual adjustments

Zero-Space Filming

Eliminates gap between frames, reduces flickering



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Item #: DR1600SS