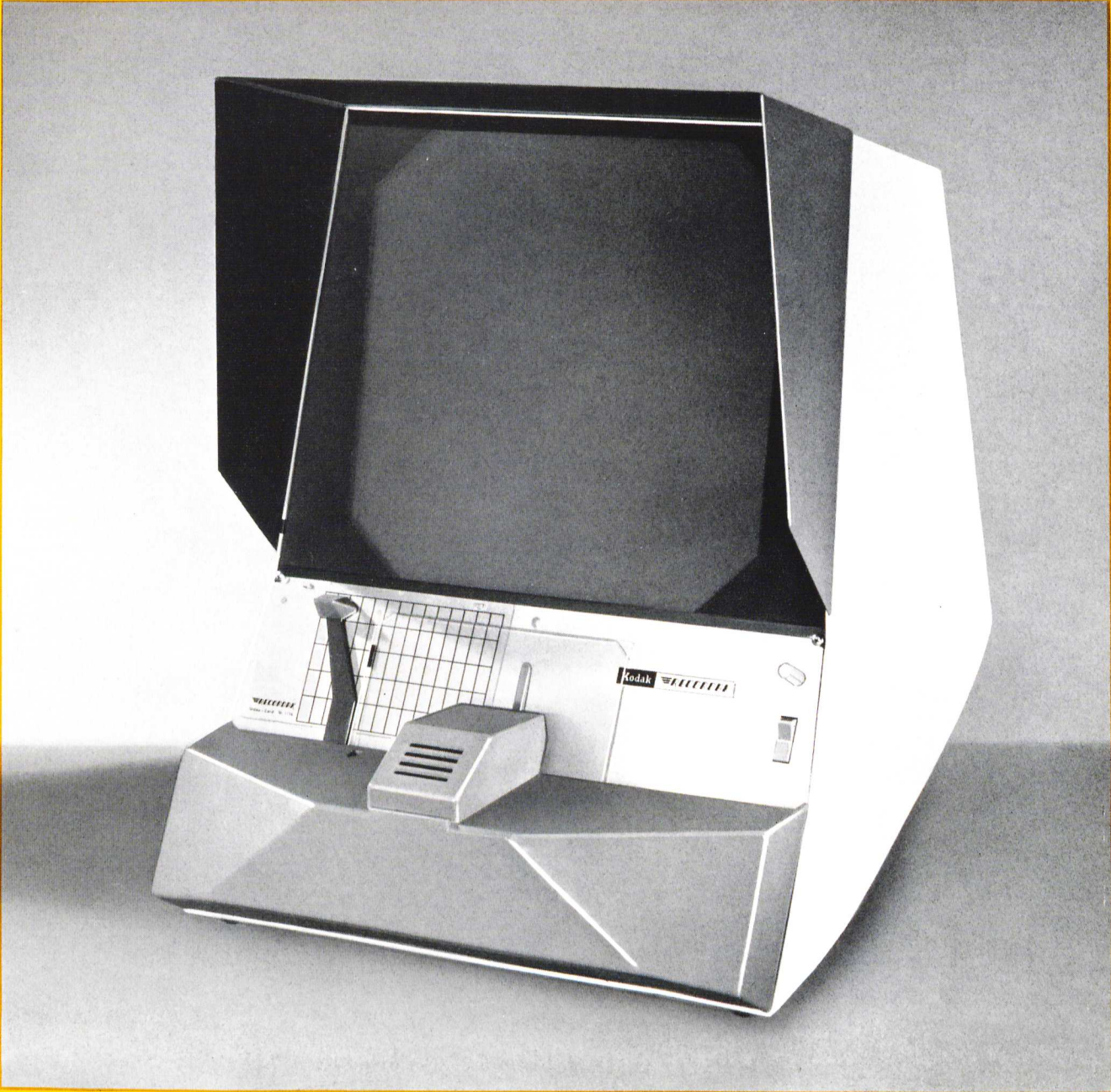


KODAK RECORDAK EASAMATIC Reader Model SP-1

REVISED EDITION
SEPTEMBER 1969

Kodak *RECORDAK*®



The KODAK RECORDAK EASAMATIC Reader SP-1

allows quick, easy and clear reading and viewing of micro-thin jackets microfiches microfilm aperture cards

Easy to use

The microfilm, as micro-thin jacket, microfiche, or microfilm aperture card, will be placed between the two plates of the glass flat assembly (4 different sizes, see Accessories, page 4). By moving the pointer knob, any desired image can be selected on the index card. Suitable index cards are available. (See Index Cards, page 4)

The conveniently located pointer knob can be operated by the left hand, while the right hand is free for writing. With a slight turn of the focus knob at the right side of the front plate, the image is brought into sharp focus. Of course it remains sharp during the retrieval operation.

Screen

The screen, 31 x 22 cm high size and cross size, is evenly illuminated and free from glare and dazzle. With green colored screen, even longtime viewing is not a strain for the eyes. The image is sharp and contrastful from corner to corner. If there is strong, outside light, the screen shade, available as an accessory, can be attached to preserve the image contrast.

Compact, light, dependable

This reader is made up for modern requirements. It is solid, yet compact and light. The base is so small that the reader can easily be placed anywhere.

The elegant, streamlined design, in two-toned grey, is in keeping with the modern style.

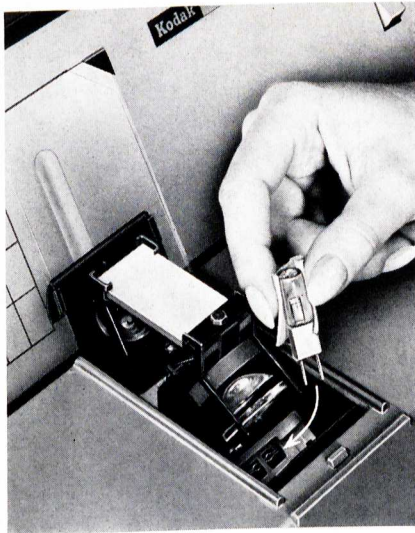
The reader is practically maintenance free. The lamp and optical system are easily accessible.





Magnification factors, lenses

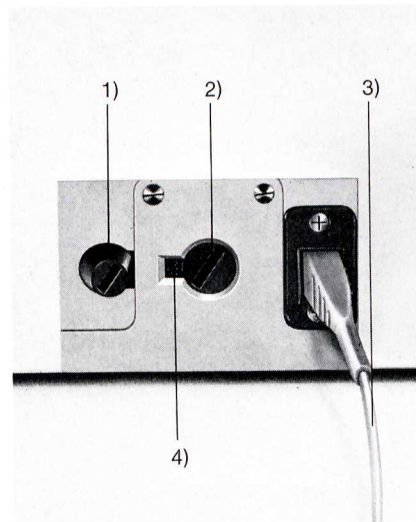
The interchangeable lenses are marked by the focal length. The 33.5 mm. lens is for 20× magnification; the 28.5 mm. lens for 24× magnification. For changing the lenses, the screen is taken off and the lens bracket flicked open. Now the lens can easily be pulled out and replaced by the other one.



Light Source

The small 12 V, 100 W Halogen Lamp gives very intense and constant light and a long burning period. In the SP-1 Reader, the lifetime of the lamp can be more than 200 or even 300 hours.

The lamp is so located that it can be conveniently replaced. The optical system is cooled by a silent fan.



Electrical Equipment

The SP-1 Reader operates on 110, 130, 220/230 or 240/250 V A/C.

The voltage can be set by a selector switch. For 50 or 60 cycles, no particular setting is required.

A 0.5 A fuse for 220–250 V is inserted, one spare fuse is attached. Moreover, two 1 A fuses are enclosed for use of 110–130 V.

The reader is safety-insulated.

- 1) Fuse holder
- 2) Voltage selector
- 3) Mains lead
- 4) Voltage indicator

Technical Data

Film: micro-thin jackets, microfiches, microfilm aperture cards

Maximum size of film: 105 × 187,3 mm. (4.1 × 7.4 inches)

Magnification: 20× or 24×

Interchangeable lenses:
f/2.8, 33.5 mm. (20:1)
f/2.8, 28.5 mm. (24:1)

Screen: size 31 × 22 cm high size and cross size (12.2 × 8.7 inches), high definition, flare free, in green colour.

Electrical Specifications: 110 V, 130 V, 220/230 V, 240/250 V; 50/60 cycles A/C; 110 W. Safety-insulated.

Fuses: 0.5 A for 220/250 V; 1 A for 110/130 V (delay action)
Halogen lamp, 12 V, 100 W
Silent cooling fan.

Dimensions:
height: approx. 54 cm. (21.3 inches)
width: approx. 44 cm. (17.3 inches)
depth: approx. 53 cm. (20.9 inches)
Weight: approx. 8 kg.

The following equipment is supplied with the basic reader

Projection lamp
4 fuses; two 0.5 A (one inserted and one spare), and two 1 A
Power cable
Dust cover
Lenses and glass plate kits must be ordered separately.

KODAK RECORDAK EASAMATIC Reader SP-1 for quick, easy and clear reading and viewing of micro-thin jackets, microfiches and microfilm aperture cards

In addition, the following accessories are available

Interchangeable lens,
f/2.8, 33.5 mm. for 20 × magnification

Interchangeable lens,
f/2.8, 28.5 mm. for 24 × magnification

2 Glass plates "A", size 104 × 193 mm
for sheets up to 105 × 187,3 mm
(universal plates)

2 Glass plates "B", size 86 × 193 mm
for sheets up to 86 × 187,3 mm
(aperture card size, full format)

2 Glass plates "C", size 76 × 193 mm
for sheets up to 77 × 127 mm
(library size)

2 Glass plates "D", (only for patent
or else microfilm aperture cards)

1 Index card No. 1210

1 Index card No. 1220

1 Index card No. 1224

1 Index card No. 1230

1 Index card No. 1000, blank

1 Pressure plate I
for glass plates "A" and "B"

1 Pressure plate II
for glass plates "C" and "D"

Screen shade

Spare projection lamp

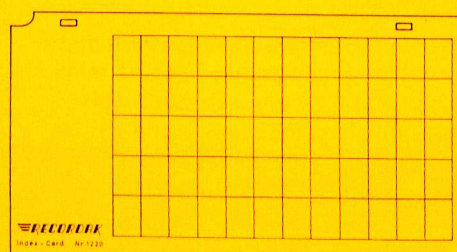
Spare fuses

Index cards

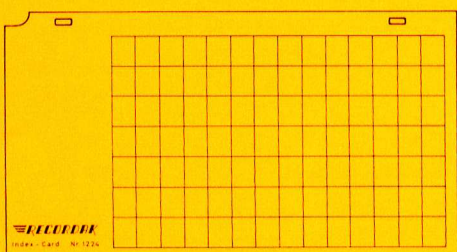
To locate the required image quickly and easily the following index cards are available:



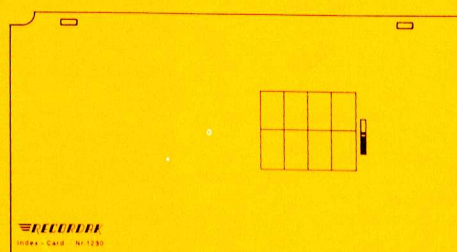
No. 1210



No. 1220



No. 1224



No. 1230

RECORDAK®

Microfilm-Systems by

Kodak

	Film				Index Cards No.
	Size mm	Image Lines	Images per Line	Pages	
Micro-Thin Jackets					} 1210
77 × 127				20 ×	
103 × 153				24 ×	
86 × 187					
Microfiches					} 1220
75 × 125	4	10	40	20 ×	
105 × 148,7	5	12	60	20 ×	
					} 1224
75 × 125	5	12	60	24 ×	
105 × 148,7	7	14	98	24 ×	
Microfilm Aperture Cards					} 1230
82,5 × 187,3	2	4	8		

For other microfilm jackets, cards or microfiches

Neutral index cards No. 1000