

# A lightweight system SLR offering Rollei quality and reliability.

# Rollei SL35

A lightweight system SLR with the quality and ruggedness traditional with Rollei. The Rolleiflex SL35 is designed with full lens interchangeability and has a complete library of superb bayonet-mount lenses specifically

designed for it. It handles quickly, and has all the most important features for professional photography. It combines Rollei mechanical precision, optical quality and elegance of appearance.



## Technical Data

- **Camera Type:**  
35mm single-lens reflex camera with interchangeable lenses, instant-return mirror and through-the-lens exposure meter system.
- **Picture Format:**  
24 x 36mm
- **Lens Data:**  
Quick-change, Rollei bayonet mount, a family of lenses from 16mm to 200mm in focal length, specially designed by Zeiss and Schneider. New HFT (High Fidelity Transfer) coating available on many lenses.
- **Shutter:**  
Focal plane with speeds from 1 to 1/1000 sec. and bulb.
- **Shutter Release:**  
Soft-touch button threaded for cable release.
- **Self Timer:**  
Up to 12 second delay.
- **Exposure Control:**  
Through-the-lens system with CdS meter, center weighted with full field measurement of finder screen image at working aperture; meter needle centered with index in finder, cross-coupled to shutter speed, lens aperture and ASA.
- **Exposure Meter Battery:**  
Single cell (EPX 625 or equivalent) in camera base, only on during exposure reading actuated by stop-down key near shutter release.
- **Film Speed Range:**  
ASA 12 to 6400.
- **Flash Synchronization:**  
X (electronic) to 1/60 sec.; FP (for long delay bulbs) all speeds to 1/1000 sec.
- **Film Transport:**  
Rapid advance lever with 27° standoff for quick single-or multi-stroke operation; rapid rewind crank.
- **Viewfinder Data:**  
Pentaprism with extra bright focusing screen with central microprism grid, matte collar and matte screen with Fresnel field lens; large rectangular finder eyepiece accepts correction lenses and light-blocking cup; 25mm eye relief permits eyeglass wearers to see entire field.
- **Size:**  
Body only, 5 1/2 x 3 5/8 x 2 inches; with 50mm f/1.8 lens, 5 1/2 x 3 5/8 x 3 7/16 inches.
- **Weight:**  
Body only, 20 5/8 ounces; with 50mm f/1.8 lens, 27 3/8 ounces.
- **Other Features:**  
Loops for neckstrap; tripod socket 1/4-20 bushing; self zeroing exposure counter.
- **Accessories:**  
Lenses; lens hoods; filters; automatic adapter for M-42 screw mount lenses, M 39 adapter for close-ups with Leica lenses, close-up extension tubes; close-up focusing bellows; Zeiss Softar (soft-focus) I and II attachments; microscope adapter; retro-adapters.

# Rollei SL 35M

## A new 35mm SLR designed for fast, precise operation.

A new 35mm single-lens reflex camera design with the famous Rolleiflex name and quality. Distinctive contours and black finish express its ruggedness and professional performance. Rollei bayonet mount for easy and quick lens

changing. Match needle exposure system with fast full-aperture metering. Hot shoe with X synchronization. The Rolleiflex SL35M allows full scope to the creative photographer



### Technical Data

- **Camera Type:**  
35mm single lens reflex camera with full-aperture, through-the-lens metering and instant-return mirror.
- **Lens Mount:**  
Rollei bayonet.
- **Interchangeable Lenses:**  
Most used focal lengths, new lens styling with positive grip covering.
- **Standard Lenses:**  
Planar 50mm f/1.8 HFT (7 elements, 6 groups), closest focusing distance 1.5 ft. (0.45m).  
Planar 50mm f/1.4 HFT (7 elements, 6 groups), closest focusing distance 1.5 ft. (0.45m).
- **Full-Aperture Metering:**  
All new lenses designed for the SL35M which have aperture simulator key.
- **Stop-down metering:**  
All lenses for the SL35 without aperture simulator key. Lenses having M42 (Pentax-Praktica) thread mount with Rollei adapter. (Exception: certain lenses designed for open-aperture SLR cameras.)
- **Shutter:**  
Focal-plane shutter, rubberized cloth. Speeds from 1/2 sec. to 1/1000 sec. plus bulb.
- **Flash Synchronization:**  
Electronic flash up to 1/40 sec. FP synchronization for flashbulbs. Hot shoe contact (X), PC contact on body.
- **Finder:**  
Pentaprism. Eyepiece magnification with 50mm lens=0.85X. Mount for accessories.
- **Focusing Screen:**  
Brilliant Fresnel screen with diagonal split image rangefinder in center surrounded by microprism grid and groundglass collar.
- **Information in Viewfinder:**  
Meter needle and index, meter range limits by red flag, f/stop in window above viewfinder area.
- **Exposure Meter System:**  
Center weighted averaging meter using CdS cell above eyepiece.
- **Meter Range:**  
EV 3-17 for 1.8 lens at 100 ASA.
- **Battery:**  
1 Mercury Battery 1.35V (Mallory PX 625 or equivalent).
- **Film Transport:**  
Film advance lever with short single stroke (140°). Activates meter battery.
- **Film Rewind:**  
Large rewind crank.
- **Film Speed Setting:**  
25 - 3200 ASA
- **Film Counter:**  
On camera back, counts forward 1-36, resets automatically. Counter only operates with film in camera.
- **Self Timer:**  
Lever located on front, 7 seconds delay time, starter button.
- **Depth-of-Field Preview:**  
Push button on camera body, can be locked.
- **Tripod Socket:**  
1/4-20 bushing.
- **Finish:**  
Black only.
- **Dimensions:**  
5.8 x 3.5 x 3.9 inches.
- **Weight:**  
31.5 ounces.

# Lenses for Rolleiflex 35mm SLR's.

# Rollei SLR's



A family of superb lenses specially designed by Carl Zeiss and Josef Schneider for Rolleiflex 35mm SLR's, providing optimum optical and mechanical excellence — with quick-change bayonet mount, depth-of-field indicator, infrared index, automatic spring-loaded and manual aperture control A, manual setting M, and click stop apertures with half-stop intervals and distance scales in feet and meters.

The new HFT® lenses jointly developed by Carl Zeiss and Rollei are particularly note-worthy. This cooperation embraces development, production and quality not previously possible. The result is an overall increase in the standard of quality and photographic performance.

HFT® — High Fidelity Transfer — means the maximum attainable technical quality for optimum image reproduction: higher image contrast and increased color brilliance and saturation for maximum possible picture quality. HFT® lenses are structurally compact and light in weight. Their

effective aperture is faster because of more efficient light transmission, and maximum apertures can be fully utilized without image degradation.

Superb image definition even in the close-up range is a reality thanks to new optical components. High image contrast has been achieved by painstaking lens mount design and by optimum combination of high-grade optical glasses and Carl Zeiss multi-layer coating techniques.

By means of sophisticated electronic testing processes and techniques it has been possible to attain an even higher standard of quality and control in series manufacturing.

HFT® by means of new high grade glasses, floating element design, lens mount construction, multi-layer coating and electronic testing provides increased light transmission, image contrast, color saturation, high effective aperture, gross reductions of residual aberrations and therefore a new optimum standard of photographic performance.

### Interchangeable Lens System for Rollei SL35's.

Focal length	Speed f/	Type	Aperture range to	< of view diag.	Min. focus dist.	Elements	Groups	Overall length, mm	Maximum diam., mm	Weight ounces	Filter Size
16mm	2.8	HFT® F-Distagon	16	180°	12"	8	7	68	70	12 1/8	(1)
18mm	4	HFT® Distagon	22	99°	12"	10	9	61	70	10 1/2	
25mm	2.8	HFT® Distagon	22	80°	10"	8	7	64	62	11 1/8	E49
35mm	1.4	HFT® Distagon	16	61°	10"	9	8	85	70	16 5/8	E67
35mm	2.8	HFT® Distagon	22	61°	16"	5	5	53	62	7 1/4	E49
50mm	1.4	HFT® Planar	16	46°	18"	7	6	47.5	62	8 1/8	E49
50mm	1.8	HFT® Planar	16	45°	18"	7	6	47	62	6 1/8	E49
85mm	1.4	HFT® Planar	16	29°	3 1/4'	6	5	72	70	19	E67
85mm	2.8	HFT® Sonnar	22	29°	3 1/4'	4	4	52	62	6 3/4	E49
135mm	2.8	HFT® Sonnar	22	18°	5 1/2'	4	4	97.5	62	14 5/8	E55 (2)
135mm	4	HFT® Tele-Tessar	32	19°	5 1/4'	4	4	98	62	13 1/8	E49
200mm	4	HFT® Tele-Tessar	32	13°	8 1/4'	6	5	134	76	20 1/8	E67 (2)

(1) Filter turret: built-in, with UV, Orange OR57, Blue 11, Yellow Y50

(2) Supplied with built-in sliding lens hood

Lens made by Rollei Group under license  
from Carl Zeiss, Oberkochen, West Germany.

# Close-up accessories.

# Rollei SLR's



M42 AUTO ADAPTER



RETRO ADAPTER

FOUR-PIECE AUTOMATIC EXTENSION TUBE SET



M39 THREAD ADAPTER



MACRO LENS ADAPTER



MICROSCOPE ADAPTER



AUTOMATIC EXTENSION BELLOWS

**AUTOMATIC EXTENSION TUBE SET**—Use with interchangeable Rollei lenses for higher scales of reproduction and shorter working distances with auto diaphragm operation. The Retro Adapter can be used in addition to the tube(s) and should be used with scales of reproduction beyond 1:1. (Set consists of 4 tubes: 7.8 mm, 15mm, 30mm and 50mm).

**AUTOMATIC EXTENSION BELLOWS**—Use with interchangeable Rollei lenses. Provides continuous adjustment of the scale of reproduction and subject distance, more convenient focusing and automatic spring-loaded aperture operation.

(NOTE — for largest scale of reproduction with improved optical quality—the combination: camera-extension bellows-extension tubes-retro adapter-lens is possible, provided that some vignetting is acceptable).

**RETRO-ADAPTER** for interchangeable Rollei lenses of 25 to 50mm, and for all lenses with 49mm front filter thread. Use for better opti-

cal performance at scales of reproduction greater than 1:1; with non-auto operation of lens.

**M42-AUTO ADAPTER**—An automatic lens adapter to accept Praktica-Pentax automatic lenses; provides for fully automatic operation of lens with SL 35.

**THREAD ADAPTER M-39**—Intermediate adapter takes Leica lenses with M-39x1 thread for close-up range only.

**MACRO LENS ADAPTER**—for Zeiss Luminar, Leitz Photar, Summar and Microtar lenses—which are specially corrected for macro photography (at scales larger than 1:1).

(NOTE This Macro lens adapter must be used with **THREAD ADAPTER M-42** above).

**MICROSCOPE ADAPTER**—for use with microscopes having a straight cylindrical draw tube of 1 inch/25mm diameter. Used without camera lens.



FILTERS WITH E49 THREAD

FILTERS WITH E55 AND E67 THREAD

### Rollei Filters with E49 Thread

MEDIUM YELLOW E49

GREEN E49

ORANGE E49

LIGHT RED E49

UV E49

INFRA-RED—for infra-red film only E49

COLOR CORRECTION R1.5 (skylight) E49

ROLLEIPOL (polarizing filter) E49 for lenses  
35mm to 135mm

ROLLEIPOL (polarizing filter) E49 for 25mm  
Distagon lens ONLY

SOFTAR I—(Soft focus attachment) E49 for very  
contrasty and brilliant subjects, backlight

SOFTAR II—(Soft focus attachment) E49 for low  
contrast subjects and soft lighting, portraits

(Note Softar I & II may be combined for  
maximum effect)

### Rollei Filters with E55 and E67 Thread

MEDIUM YELLOW

GREEN

ORANGE

LIGHT RED

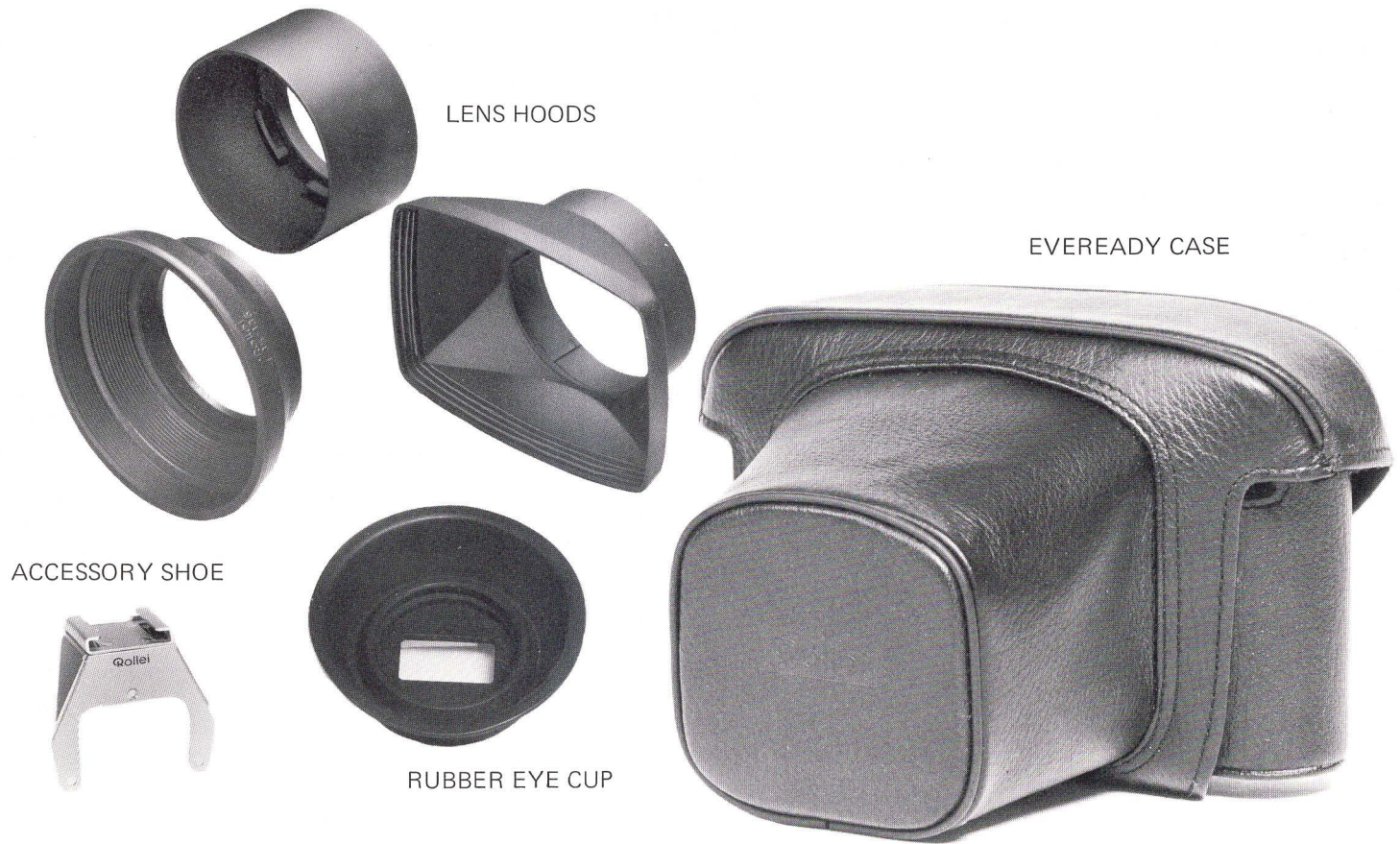
UV

INFRA-RED (See E49 Specifications)

COLOR CORRECTION R1.5

# Rollei SLR lens and camera accessories.

# Rollei SLR's



## Lens Cases

Black leather, lined, (with removeable internal insert when lens is placed in case without front and rear lens caps). Cases can be attached to camera carrying strap.

CASE, Leather for Distagon 25mm

CASE, Leather for 35mm/2.8; all 50mm and 85mm/2.8 lenses

CASE, Leather for 135mm lenses

CASE, Leather for Tele-Tessar 200mm

## Lens Hoods

LENS HOOD for Distagon 25mm lens

LENS HOOD, folding, for 35mm/2.8 and 50mm lenses

LENS HOOD for 85mm/2.8 and Tele-Tessar 135mm

## Miscellaneous

RUBBER EYE CUP—fits groove on eyepiece, screens off external glare. Cup accepts users correction lens (26mm diam.) made up by optician.

ATTACHABLE ACCESSORY SHOE, SL35—for lightweight accessories. Slips over finder eyepiece. Secured with screw. Shoe rests on prism rear—for flash, etc.

EVEREADY CASE, SL35—Black, soft leather lined  
EVEREADYCASE, SL35M—Black, soft leather lined

OUTFIT CASE, SL35, holds SL35 w/lens, 2 accessory lenses, filters, small accessories and film; w/shoulder strap.

SPARE NECK STRAP

SPARE SHOULDER PAD

SOFT RELEASE BUTTON—8mm diam. (replacement)

BODY CAP

FRONT LENS CAP for lenses 25-135mm

FRONT LENS CAP for 200mm Tele-Tessar

REAR LENS CAP

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