

# The System

## Concentration on Essentials

This Rollei design principle led to a 24 x 36mm eye-level reflex with all the basic features *essential* for successful photography with interchangeable lenses, that is small, light, fast-handling, and easy to operate.

The Rolleiflex SL 35 is not only one of the smallest, lightest, and most elegant miniature reflex cameras on the market today, but it is also a highly versatile "system camera" ready to meet any photographic challenge.

The SL 35 is derived from the same marketing and design concepts which were valid for the trailblazing and successful Rollei 35 compact viewfinder camera. A sensible single-lens reflex with technical precision, attractive design and only those functional elements that are basic to the production of good photographs.

Over fifty years experience in the manufacture of precision units, years of research and development, carefully conceived and tested manufacturing methods, cooperative efforts of firms, such as Gossen, assure a camera which adds further authority to the range of its famous Rollei predecessors.



Rolleiflex SL35, CHROME—with Schneider SL Xenon f1.8/50mm lens, incl. neck strap, lens cap  
**Cat. No. 700 100** (07737)

Rolleiflex SL35, BLACK—with Schneider SL Xenon f1.8/50mm lens, incl. neck strap, lens cap  
**Cat. No. 700 110** (07959)

Rolleiflex SL35, CHROME—with Zeiss HFT Planar f1.4/50mm lens, incl. neck strap, lens cap  
**Cat. No. 700 014** (03337)

Rolleiflex SL35, BLACK—with Zeiss HFT Planar f1.4/50mm lens, incl. neck strap, lens cap  
**Cat. No. 700 024** (03559)

Rolleiflex SL35 Body ONLY, CHROME; less lens, incl. neck strap, body cap  
**Cat. No. 700 010** (17598)

Rolleiflex SL35, Body ONLY, BLACK; less lens, with neck strap, body cap  
**Cat. No. 700 020** (17604)

Eveready Case for SL35—Soft black leather, lined; detachable front  
**Cat. No. 970 630** (16726)

# Rolleiflex SL35

## Specifications

CAMERA TYPE	24 x 36 eye-level reflex with exposure measurement through the lens.
FINDER SYSTEM	Pentaprism, instant return mirror. Extra bright focusing screen with central microprism grid, matted screen ring and matted screen with Fresnel lens. Large rectangular finder eye piece with fitting for eye piece cup and correction lenses. 25mm "eye relief" permits eye-glass wearers to see entire field.
EXPOSURE MEASUREMENT	TTL System with CdS cells, 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 and lens aperture. Powered by button cell (EPX 625/equiv.) in camera base, switched on ONLY during measurement by stop-down key on camera top.
FILM-SPEED RANGE	12 to 6400 ASA (12 to 39 DIN); measuring range with 50mm f/1.8 lens 1.6 to 100,000 asb. (1 sec at f/1.8 to 1/1000 sec at f/16 with 100 ASA film)
FILM TRANSPORT	Rapid advance lever with 27 degree set back for quick single or multi stroke operation — folds flat against body when not in use.
SHUTTER	Focal plane, rubberized cloth curtain, speeds 1 to 1/1000 second and B. Self-timer with start button — approx. 12 sec. delay time. Continually rotatable shutter speed dial.
LENS MOUNT	Quick-change Rollei bayonet for auto-aperture interchangeable lenses, specially designed for the SL 35
SYNCHRONIZATION	Electronic flash to 1/60 second: X outlet. Long delay bulbs to 1/1000 second: FP outlet.
ADDITIONAL FEATURES	¼ inch tripod bush, self-zeroing exposure counter, rapid rewind crank, carrying strap eyelets.
WEIGHT	27 <sup>3</sup> / <sub>8</sub> ounces with 50mm f/1.8 lens. 20 <sup>5</sup> / <sub>8</sub> ounces, body only.
SIZE	5½ x 3 <sup>5</sup> / <sub>8</sub> x 3 <sup>7</sup> / <sub>16</sub> inches with 50mm f/1.8 lens. 5½ x 3 <sup>5</sup> / <sub>8</sub> x 2 inches, body only.
LENSES, ACCESSORIES	see following pages



## Order Lenses for Rolleiflex SL35 by Catalog No. and Description

CATALOG NUMBER	Focal length	Speed f/	Type	Aperture range to	< of view diag.	Min. focal dist.	Elements	Comp.	Overall length, mm	Maximum diam., mm	Weight ounces	FILTER SIZE
<b>979 720</b>	15mm	3.5	HFT Distagon	22	109°	1"	13	11	90.5	85	21¾	(1)
<b>979 670</b>	16mm	2.8	HFT F-Distagon	16	180°	12"	8	7	68	70	12½	(1)
<b>979 680</b> (16364)	18mm	4	HFT Distagon	22	99°	12"	10	9	61	70	10½	
<b>979 530</b> (16294)	25mm	2.8	Distagon	22	80°	10"	8	7	64	62	11½	<b>E49</b>
<b>979 730</b>	35mm	1.4	HFT Distagon	16	61°	10"	9	8	85	70	16⅝	
<b>979 570</b> (16300)	35mm	2.8	Distagon	22	61°	16"	5	5	53	62	7¼	<b>E49</b>
<b>979 640</b>	35mm	2.8	SL Angulon	22	63°	12"	7	6	46.5	62	7¼	<b>E49</b>
<b>979 710</b> (09955)	50mm	1.4	HFT Planar	16	46°	18"	7	6	47.5	62	8⅛	<b>E49</b>
<b>979 580</b> (16319)	50mm	1.8	Planar	16	45°	18"	7	6	47	62	6⅝	<b>E49</b>
<b>979 650</b> (01605)	50mm	1.8	SL Xenon	16	45°	18"	6	4	47	62	8⅛	<b>E49</b>
<b>979 690</b>	85mm	1.4	HFT Planar	16	29°	3½'	6	5	72	70	19	<b>E67</b>
<b>979 540</b> (16328)	85mm	2.8	Sonnar	22	29°	3¼'	4	4	52	62	6¾	<b>E49</b>
<b>979 700</b> (16373)	135mm	2.8	HFT Sonnar	22	18°	5½'	4	4	97.5	62	14⅝	<b>E55</b> (2)
<b>979 550</b> (16337)	135mm	4	Tele-Tessar	32	19°	5¼'	4	4	98	62	13⅛	<b>E49</b>
<b>979 660</b> (00480)	135mm	3.5	SL Tele-Xenar	22	18°	5'	5	5	84	62	13½	<b>E49</b> (2)
<b>979 560</b> (16346)	200mm	4	Tele-Tessar	32	13°	8¼'	6	5	134	76	20⅛	<b>E67</b> (2)

1 Filter turret: built-in, swivel mounted with UV, Orange OR57, Blue 11, Yellow Y50  
2 Supplied with built-in sliding lens hood



# Rolleiflex SL35



## Lenses for Rolleiflex SL35

A family of superb lenses specially designed by Carl Zeiss and Josef Schneider for the Rolleiflex SL35 for optimum optical and mechanical excellence—with distance scales in feet and meters, quick-change bayonet mount, depth of field indicator, infra-red index, automatic spring-loaded aperture control A, manual setting M, and click stop apertures with half-stop intervals.

The new HFT® lenses jointly developed by Carl Zeiss and Rollei are particularly noteworthy. 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 a guarantee of the maximum attainable technical quality of optimum image reproduction, with higher image contrast, increased color brilliance and saturation for maximum possible picture quality. HFT lenses are structurally compact and light in weight. Their

effective aperture is faster and these lens speeds can be fully utilized without image dimution.

Superb image definition even in the close-up range is a reality by use of new optical components. High image contrast has been achieved by 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 and optimum standard of photographic performance.



## Lens Cases

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

CASE, Leather for Distagon 25mm **Cat. No. 972 300** (16744)

CASE, Leather for 35mm/2.8; all 50mm and 85mm/2.8 lenses **Cat. No. 972 310** (16753)

CASE, Leather for 135mm lenses **Cat. No. 972 320** (16762)

CASE, Leather for Tele-Tessar 200mm **Cat. No. 972 330** (16771)



## Lens Hoods

LENS HOOD for Distagon 25mm lens **Cat. No. 205 310** (16610)

LENS HOOD folding, for 35mm/2.8 and 50mm lenses **Cat. No. 205 320** (16629)

LENS HOOD for 85mm/2.8 and Tele-Tessar 135mm **Cat. No. 205 330** (16638)

## Lens Adapters

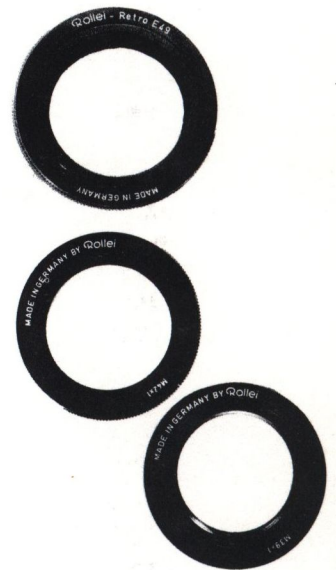
RETRO-ADAPTER for interchangeable Rollei lenses of 25 to 50mm, and for lenses of other makes with 49mm front filter thread. Use for better optical performance at scales of reproduction greater than 1:1; with non-auto operation of lens. **Cat. No. 205 540** (16443)

M42-AUTO ADAPTER—An automatic lens adapter to accept Praktica-Pentax automatic lenses; provides for fully automatic operation of lens with SL35. **Cat. No. 205 590** (16452)

THREAD ADAPTER M-39—Intermediate adapter takes Leica lenses with M-39x1 thread for close-up range; not for pictures at infinity. **Cat. No. 205 550** (16461)

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). **Cat. No. 205 570** (16665)

MICROSCOPE ADAPTER—for use with microscopes having a straight cylindrical draw tube of 1 inch/25mm diameter. Used with out camera lens. **Cat. No. 205 580** (16674)



# Accessories For Rolleiflex SL35



## Rolleiflex Filters with E49 Thread

MEDIUM YELLOW	E49	<b>Cat. No. 205 360</b> (16470)
GREEN	E49	<b>Cat. No. 205 370</b> (16489)
ORANGE	E49	<b>Cat. No. 205 380</b> (16504)
LIGHT RED	E49	<b>Cat. No. 205 390</b> (16498)
UV	E49	<b>Cat. No. 205 410</b> (16513)

INFRA RED—for infra-red film only (maximum sensitivity at 800nm) E49 **Cat. No. 205 400** (16522)

COLOR CORR. R1.5 (skylight) E49 **Cat. No. 205 420** (16531)

ROLLEIPOL (polarizing filter) E49 for lenses 35mm to 135mm **Cat. No. 205 350** (16647)

ROLLEIPOL (polarizing filter) E49 for 25mm Distagon lens ONLY **Cat. No. 205 340** (16656)

SOFTAR I—(Soft focus attachment) E49 for very contrasty and brilliant subjects, backlight **Cat. No. 205 430** (20181)

SOFTAR II—(Soft focus attachment) E49 for low contrast subjects and soft lighting, portraits **Cat. No. 205 440** (20190)

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



## Rolleiflex Filters with E67 Thread

MEDIUM YELLOW	E67	<b>Cat. No. 205 040</b> (16540)
GREEN	E67	<b>Cat. No. 205 060</b> (16559)
ORANGE	E67	<b>Cat. No. 205 070</b> (16577)
LIGHT RED	E67	<b>Cat. No. 205 080</b> (16568)
UV	E67	<b>Cat. No. 205 110</b> (16586)
INFRA RED	E67	<b>Cat. No. 205 100</b> (16595)
(See E49 Specifications)		
CONVERSION R1.5 E67		<b>Cat. No. 205 150</b> (16601)



**AUTOMATIC EXTENSION TUBE SET**—Use with interchangeable Rollei lenses for higher scales of reproduction and shorter working distances with auto diaphragm operation. May be combined in use but may lead to some vignetting. The Retro Adapter **Cat. No. 205 540** (16443) can be used in addition to the tube(s) and should be used with scales of reproduction beyond 1:1.

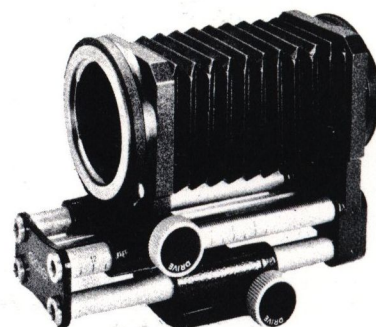
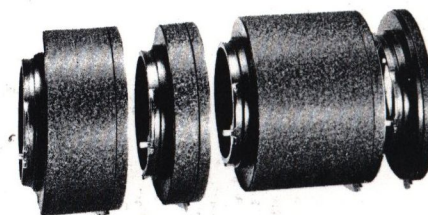
(Set consists of 4 tubes: 7.8mm, 15mm, 30mm and 50mm).

**AUTO EXTENSION TUBE SET** **Cat. No. 205 500** (16407)

**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.

**Cat. No. 979 630** (16391)

(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).



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

**Cat. No. 205 610** (16692)

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

**Cat. No. 205 620** (16708)

**EVEREADY CASE SL35**—Black, soft leather lined.

**Cat. No. 970 630** (16726)

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

**Cat. No. 970 190** (16735)

## Miscellaneous

**SPARE NECK STRAP**

**Cat. No. 760 070** (16717)

**SPARE SHOULDER PAD**

**Cat. No. 971 040** (20206)

**SOFT RELEASE BUTTON**—8mm diam. (repl.)

**Cat. No. 205 660** (09937)

**BODY CAP**

**Cat. No. 205 640** (16814)

**FRONT LENS CAP** for lenses  
25-135mm

**Cat. No. 205 480** (16799)

**FRONT LENS CAP** for 200mm  
Tele-Tessar

**Cat. No. 205 490** (16805)

**REAR LENS CAP**

**Cat. No. 205 630** (16780)

