



# Rolleiflex 6006

# Rolleiflex 6002

The leading medium-format  
camera system

**Rollei**  
fototechnic

Rolleiflex 6006  
Rolleiflex 6002

## For perfection and progress in the medium format, the name is Rollei



**Rollei has written more than half a century of photographic history.** Thus many Rolleiflex cameras have played a decisive role in the progress of photography. Among these, one of the best-known Rollei cameras, the twin-lens Rolleiflex 2.8 F, is still much sought after by specialists.

### The advantage of tradition

The introduction of the first Rolleiflex by Reinhold Heidecke in 1929 represented the birth of a new camera principle that was to dominate professional photography for decades. For it was true then, as it is today, that a brilliant idea will triumph. Indeed, after a very short time, the Rolleiflex 6x6 cm (2¼ x 2¼ in.) became the obvious tool for the professional photographer.

Just eight years later the Rolleiflex Automat 6x6 was singled out for the 'Grand Prix' at the 1937 World Exhibition in Paris. For Rollei this unique success was not a cause for complacency but was a challenge to improve on this achievement. The climax of a whole series of successful cameras – the revolutionary Rolleimagic 6x6 – appeared on the market in 1960. Its automatic exposure control made it the most advanced camera of its time.

In 1966 the interest of the photographic world was awakened by another innovation from Rollei: the single-lens Rolleiflex SL 66 with interchangeable magazine and built-in tilting bellows. This technology had previously been confined to large-format cameras. Entering the electronics field, Rollei launched another brilliantly designed camera in 1976: the trend-setting Rolleiflex SLX, the first medium-format camera with electronic operation.

In 1982, with the Rolleiflex SL 66 E, Rollei Fototechnik GmbH brought its mechanical 6x6 cm (2¼ x 2¼ in.) camera with built-in exposure metering and TTL automatic flash on to the market, and in 1986 its top-of-the-range model, the Rolleiflex SL 66 SE, with variable measurement characteristics which can be switched from integral to spot metering.

New peaks of development are the Rolleiflex 6006 and the sister model, Rolleiflex 6002, launched in 1983 and 1985 respectively. These are the first professional medium-format action cameras and are, with automatic exposure and flash control, built-in motor and new-style rapid film-change system, a milestone in the history of photography.

Together with the top-of-the-range model, the Rolleiflex 6008 professional, which was launched in 1988, these cameras demonstrate once

again the high standards that are an integral part of the traditional Rollei philosophy.

### Medium format – the ideal size between the cumbersome large-format and the restricted quality of 35 mm

The dedicated photographer naturally expects to obtain first-class pictures. This depends not only his own creativity but also on using the right camera system in the proper picture format. 6x6 cm (2¼ x 2¼ in.) is the format preferred by professionals: four times the area of 35 mm and considerably larger than 4.5x6 cm (1½ x 2¼ in.). The large, bright image on the ground-glass focusing screen facilitates picture composition and helps the photographer to realize his ideas more easily and completely. Also, with 6x6 cm, no decision is required on whether the proportions of the final image should be used. This improves the versatility of the photograph and gives more scope for later enlargement. The advantages of the 6x6 cm format are apparent not only in large prints but also in brilliant screen projection.

But excellent photographic results require outstanding cameras. Cameras that embody the latest technology and as a result are easy to operate, offering the user every opportunity to realize his creative ideas. With the Rolleiflex 6006 and the Rolleiflex 6002, Rollei is setting the standards. Anyone deciding to make creative use of medium format should not be satisfied with less.

Rolleiflex 6006  
Rolleiflex 6002

## The pace-setting camera concept in medium format

With the aim of combining the quality features of a professional medium-format camera with the convenient operation of a high-class 35 mm camera, Rollei developed a camera system which may be considered the leader in the professional medium-format range. Two top-quality models incorporate all the advantages of this unique system: the Rolleiflex 6006 and the Rolleiflex 6002. They rightly carry the quality mark: 'Made in Germany'. Both are fully automatic general-purpose cameras, with built-in TTL automatic exposure control, TTL flash metering, built-in high-power motor, professional power supply and unique rapid film-change system. They embody a synthesis of precision mechanics (where robustness is the main requirement) and modern electronics wherever it is important to reduce wear to a minimum. All camera functions are controlled by a specially developed microprocessor.

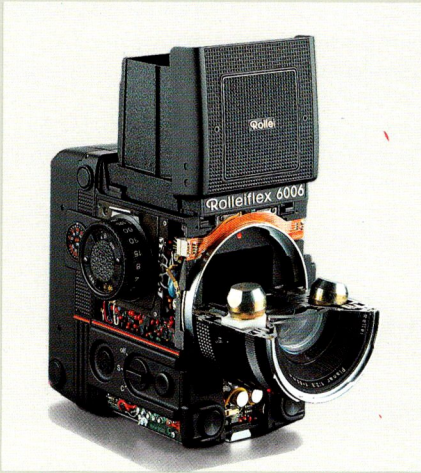
A significant feature is the first ever use of direct-drive linear motors in camera construction. These drive the shutter and aperture mechanisms, replacing springs, gears and levers that are sluggish and susceptible to wear. Other features of this exceptional camera concept include: electronic compensation for stray light entering the viewfinder, LED indication of faulty exposure and limiting values and a superior rapid film-loading system (Rolleiflex 6002). In addition the Rolleiflex 6006 has a built-in double exposure facility as well as an interchangeable magazine featuring a unique, integrated laminar roller blind. Together with a top-quality range of lenses, specially developed by Carl Zeiss and Schneider, Kreuznach, this pace-setting camera system extends the range of your creative efforts.

### Rolleiflex 6006 and Rolleiflex 6002: components of a comprehensive camera system

Anyone deciding to buy one of these cameras is making a decision for the future. Even a later switch to the top-of-the-range model, the Rolleiflex 6008 professional, is no problem. All system accessories remain compatible. They either work as they are, or they are convertible or usable with minor operating restrictions. Proof again that, from the outset, this camera system was planned for the future.



# Professional features and easy operation



- ① Interchangeable magazine for pre-loadable film inserts, with frame counter and built-in laminar roller blind.
- ② DIN-/ASA indicator dial on the magazine; ISO 25/15° to 6400/39°.
- ③ Buttons for releasing the magazine.
- ④ Rotary knob for shutter speeds with setting dial for film speed, ISO 25/15° to 6400/39°; also measuring range indicator.
- ⑤ Carrying strap attachment.
- ⑥ Mirror pre-release for vibration-free exposures.
- ⑦ Folding viewfinder hood with integral sports frame finder, interchangeable with magnifying hood or prism finders.
- ⑧ Zeiss lenses with electronic leaf shutter: aperture and shutter speed are controlled by a microprocessor and set by two direct-drive linear motors in the lens.
- ⑨ Microswitch acting as electrical release.
- ⑩ Cable release socket.
- ⑪ Rapid tripod coupling with 1/4" and 3/8" threads.
- ⑫ Button for checking working aperture and depth of field; also for exposure memory lock.



1

2

3

4

5

6

7

8

16

17

5

3

1

18

15

14

13

12

9

11

10

9

23

22

21

20

15

19

# The alternative in professional medium-format photography

- ⑬ Mode selector with three positions: "C" (continuous), "S" (single frame), and "OFF".
- ⑭ 14-pole universal socket for external control units and accessories.
- ⑮ Release buttons for the camera back.
- ⑯ Flash hot shoe with contacts for automatic TTL flash control.
- ⑰ Flash synchronization terminal.
- ⑱ Bar for fast move of the laminar dark slide during magazine change.
- ⑲ Frame counter with exposure indication and symbols showing that film is not yet taken up or already wound up.

- ⑳ Holder for magazine identification label.
- ㉑ Built-in multiple exposure facility via disengaged film transport.
- ㉒ Quick-change battery insert with safety interlock and overload protection, plus spare fuse.
- ㉓ Quick-release button for the lens.
- ㉔ Interchangeable back with integrated frame counter. Backs are available for picture formats 4.5 x 6 cm and 6 x 6 cm, both for 120 and 220 film.
- ㉕ Zeiss or Schneider lens with electronic leaf shutter: aperture and shutter are controlled by microprocessor and operated by direct-drive linear motors in the lens.

**Built in Rolleiflex 6006 and 6002:**

automatic exposure regulation (automatic aperture control with switch-off facility) with electronic stray light compensation for finder, electronically controlled shutter speeds from 1/500 to 30 seconds, automatic LED indication for faulty exposure and limits of metering range. High-performance motor for single exposures or continuous operation at 3 frames every 2 seconds, automatic take-up and wind-up of film. Partially transparent mirror with multi-layer coating, with pre-release lock up and pneumatic damping.

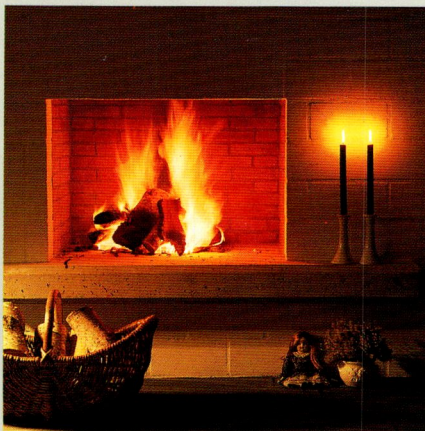


Rolleiflex 6006  
Rolleiflex 6002

## Built-in TTL exposure metering. For complete concentration on the subject

The built-in TTL automatic exposure control in the Rolleiflex 6006/6002 system gives you the best exposure for every photographic situation. It adjusts to the prevailing light conditions in a fraction of a second – an invaluable asset in action or reportage photography, and always there when you want to capture impressions or unusual perspectives and light conditions. All the exposure functions are controlled by a micro-processor in conjunction with two linear motors. Automatic exposure regulation is fully retained with every type of viewfinder, focusing screen, close-up accessory and lens. Centre-weighted integral light measurement is carried out by three large-area silicon photocells behind the swinging mirror. Aperture control follows automatically after selection

of the shutter speed; the f/stop number is set and indicated on the lens (shutter priority). During the shutter release there is automatic compensation for stray light entering through the viewfinder. Indication of exposure error and the metering limits are provided by two clearly visible light-emitting diodes in the viewfinder. All shutter speeds from  $\frac{1}{500}$  to 30 seconds are electronically controlled and "X"-synchronized. The automatic control can be switched to manual aperture selection, with intervals of one-third of a stop. Particularly helpful are the combination test button, for storing measured values, the mirror pre-release for vibration-free exposures and the built-in multiple exposure facility (6006) with constant viewfinder control.



P. Kaus

S. Bayat



Rolleiflex 6006  
Rolleiflex 6002

## TTL automatic flash control with the advantage of the flash-synchronized leaf shutter

The TTL flash metering system in the Rolleiflex 6006 and the 6002 incorporates the latest technology. When used in conjunction with automatic flash units and special SCA adapters, both cameras provide accurate flash control. With freedom to choose the aperture, any flash photograph can be achieved quickly and without difficulty: Rollei flash adapter SCA 356 in conjunction with dedicated flash units compatible with the SCA 300 system. A built-in sensor within the camera body measures the light falling on the film, through the lens during the exposure. The dedicated flash control electronics in the external adapter then instantly adjusts the flash energy required for the particular subject. An indicator in the viewfinder shows when the flash is ready and at the same time indicates whether or not the exposure was correct. The metering process automatically takes account of extension factors (e.g. when using bellows, extension

tubes, converters, filters etc.). All shutter speeds from  $1/500$  to 30 seconds are flash synchronized. Apart from automatic TTL flash units, any other flash can be connected without special accessories. The TTL automatic flash control then remains inactive and the exposure depends on the particular flash unit. When using professional studio flash equipment, it is now possible for the first time, with the optional Rollei FM 1 TTL flash exposure meter, to measure studio flash light through the lens. Exposure is controlled by adjusting the camera aperture or the light output of the flash equipment. For exposure correction, special test back-plates are available, with spot-metering or averaging patterns. This allows flash to be measured without wasting film.



Rolleiflex 6006  
Rolleiflex 6002

## Built-in high-performance motor for capturing the spontaneous moment or shooting fascinating photo-sequences

For the times when every second counts, rapid action is built-in – in both the Rolleiflex 6006 and the 6002. The integral high-performance motor ensures that you are ready to shoot every time. In continuous operation it takes a remarkable 3 pictures in 2 seconds. And this can only be beaten by the sister model, the Rolleiflex 6008 professional, which takes 2 pictures a second. In continuous operation the exposure is checked automatically and corrected between frames. The resulting speed and ease of handling make

the Rolleiflex 6006 and the 6002 the fastest medium-format cameras. As a further contribution to rapid response, the film is automatically advanced after each exposure, and similarly, the film is wound on to the first frame and the trailer is wound up automatically after the last frame.

2 sec





Rolleiflex 6006  
Rolleiflex 6002

## Modern power supply with high endurance and reliability

The power supply for the Rolleiflex 6006/6002 system is also chosen professionally and logically: a sintered NiCd battery pack provides power for the electronics and the motors. Its capacity of about 600 exposures (at normal room temperature) is ample for professional requirements. The quick-change battery insert is protected against overload and can be fully recharged in an hour by means of the rapid-charging unit supplied (for the Rolleiflex 6002 a standard charger is supplied). If higher capacities are required, an uninterrupted power supply can be obtained by using two battery packs, one supplying the camera and the other permanently on charge. Notwithstanding the high speed, reliability is paramount: the battery pack contains the fuse for the electrical system, with a spare fuse ready in reserve in a built-in compartment. A viewfinder indicator (LED) warns the user when power is

only sufficient for approximately 40 exposures. If the voltage drops below a certain minimum, all the camera functions are automatically switched off. The rapid charging unit (100/240 V, 50/60 Hz) has a charging limiter and monitor lamps. A temperature-sensitive control switches it from rapid charging (red) to normal charging (green). After only 15 minutes, enough power is available again for about 100 exposures. If it becomes a matter of urgency, the charger can even be connected to a car battery via the cigarette lighter socket, using the 12 V accessory cable. An external battery connector makes a reliable power supply available even in extreme cold.



## Quick film change and format choice ... using the professional magazines on the Rolleiflex 6006

Speed, and safe easy handling, are typical characteristics of a professional camera system. The Rolleiflex 6006 has a type of magazine that makes it a matter of seconds to change from colour to black and white, from positive to negative film, from standard to high speed and back again anywhere in the roll. With a unique integral laminar roller blind, the traditional inconvenient darkslide becomes a thing of the past. Attach the magazine, slide the bar down – the roller blind then opens the magazine window and pushes the film carrier against the film channel – and take the picture. A safety interlock prevents the magazine being accidentally detached while the magazine window is open. All standard magazines have pre-loadable film inserts, which allow quick re-loading. It is not necessary to transfer the empty spool since the inserts are symmetrically constructed and can be inserted either

way round. These magazines are available:

- Magazine 6 x 6 cm (2¼ x 2¼ in.) for 120 film (12 exposures) and magazine for 220 film (24 exposures). With automatic frame counter, film type indicator and integral laminar roller blind.
- Magazine 4.5 x 6 cm (1⅞ x 2¼ in.) for 120 film (16 exposures) and magazine for 220 film (32 exposures).  
Masks are supplied to frame the focusing screen and the image window in the camera body.
- Type 70 magazine for perforated 70 mm film, available as bulk stock, or in 5 m cartridge load. Depending on the type of film, between 60 and 70 exposures are available.
- Polaroid magazine. For 8 x 6 cm (2¼ x 2¼ in.) exposures on 8.3 x 10.8 cm (3¼ x 4¼ in.) Polaroid film in packs.



**...using the special quick-loading system  
on the Rolleiflex 6002**

Speed and ease of handling are also characteristic of the Rolleiflex 6002. In contrast to the Rolleiflex 6006, the 6002 has a fixed back. It is preferred by photographers who need a fast film change but who do not require interchangeable magazines for changing film in mid-roll. Film change in seconds is provided for by the pre-loadable film inserts, that make it unnecessary even to change over the empty spool. A newly loaded film is automatically wound onto the first frame when the shutter release is pressed. After the last frame the trailer is automatically wound on. The following camera backs are available, offering every opportunity to

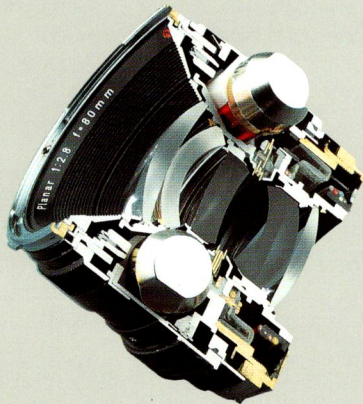
make use of the advantages of medium format:

- Standard back for 120 film, 6 x 6 cm (2¼ x 2¼ in.), 12 exposures.
- Back for 120 film, 4.5 x 6 cm (1⅝ x 2¼ in.), 16 exposures.
- Back for 220 film, 6 x 6 cm (2¼ x 2¼ in.), 24 exposures.
- Back for 220 film, 4.5 x 6 cm (1⅝ x 2¼ in.), 32 exposures.
- Polaroid back for Polaroid film 8.3 x 10.8 cm (3¼ x 4¼ in.) packs, 8 exposures 6 x 6 cm (2¼ x 2¼ in.).



Rolleiflex 6006  
Rolleiflex 6002

## Interchangeable lenses with advanced direct-drive technology



Anyone who wants to secure the advantages of an exceptional camera design must also have a selection of modern high-performance lenses, in a logical range of focal lengths and apertures. In direct and close co-operation with Carl Zeiss and Schneider, Kreuznach, a range of interchangeable lenses was designed for the Rolleiflex 6006 and 6002 that represents the state of the art and opens up all the possibilities of creative photography.

These lenses are renowned for their outstanding sharpness, well-balanced resolution and contrast, optimum colour reproduction and best image quality in all apertures. The incorporation of direct-drive technology in these lenses is unique. Controlled by the camera's microprocessor, two built-in linear motors move the iris and shutter leaves with virtually zero delay. They operate with extreme precision and are almost free from wear. All the lenses

have infinitely variable automatic aperture regulation and an electronically controlled leaf central shutter with speeds from  $\frac{1}{500}$  to 30 seconds and B. The connection between camera and lens is achieved using electronic contacts, i.e. hermetically sealed, with no moving parts and no wear.

The range covers lenses from a 40 mm wide-angle system to 500 mm tele, with all usual fixed focal lengths plus shift and zoom optics.

The latest types are marked "PQ Lens". This PQ (professional quality) technology incorporates the full-aperture metering in all modes which is required for the Rolleiflex 6008 professional. The lenses are fully compatible with the Rolleiflex 6006 and 6002. And so they're the ideal choice in case you wish to switch to the top model of the Rolleiflex 6000 series at a later date.



Rolleiflex 6006  
Rolleiflex 6002

**ZEISS**

West Germany

**Schneider**  
KREUZNACH

## From the classic super-wide-angle to the standard focal length (PQ lenses)

### 40 mm Zeiss Distagon PQ f/4 HFT

An advanced design of a superbly corrected retrofocus-type superwide-angle lens. Floating elements optimise the correction in the closeup range, too. Primarily intended for architectural photography, interiors and broad landscapes but also highly suitable for product shots and features.

(Item No. 979265)



### 50 mm Zeiss Distagon PQ f/4 HFT

A highly compact retrofocus-type wide-angle lens of excellent optical correction. Recommended for architectural shots, interiors, broad landscapes and feature photography. This is the most popular wide-angle lens and also usable reverse-mounted for closeups.

(Item No. 979283)



### 60 mm Schneider Curtagon PQ f/3.5 HFT

Classical wider-angle standard lens of excellent definition. Offers certain advantages of a wide-angle lens – such as near focusing and increased depth of field. The 67° diagonal angle avoids the exaggerated perspective effect of extreme wide-angle lenses with a tilted camera. Specially suitable for action and feature photography.

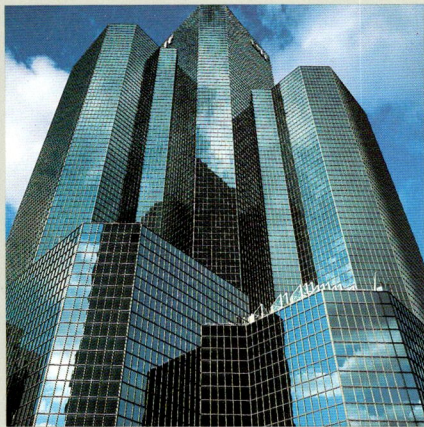
(Item No. 979160)



### 60 mm Zeiss Distagon PQ f/3.5 HFT

Versatile, compact medium wide-angle lens. It can at times replace the standard 80 mm focal length as it covers a wider view without too obvious a wide-angle rendering. The short focusing travel and extended depth of field permit rapid and reliable focusing for action shots.

(Item No. 979288)



### 80 mm Zeiss Planar PQ f/2.8 HFT

Universal standard lens of supreme correction and flat field, with extreme definition all the way to the corners. The large aperture allows precise visual focusing. Also yields excellent closeup results when reverse-mounted.

(Item No. 979295)



### 80 mm Schneider Xenotar PQ f/2.8 HFT

Standard focal length for the 2 1/4" square roll-film SLR. Of universal application in all fields of pictorial photography. Classic lens design of outstanding definition and compact lightweight construction.

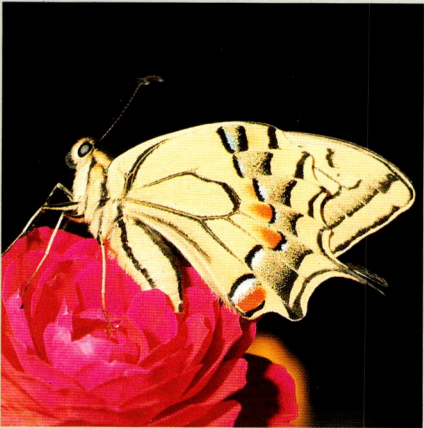
(Item No. 979180)



# Top quality telephoto lenses for every type of creative photography (PQ lenses)



W. R. Weber

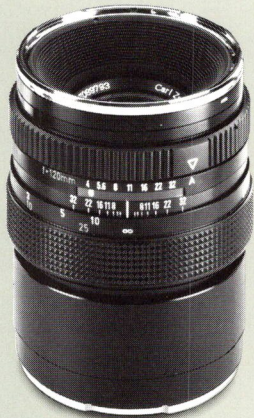


K. D. Steinkamp

### 120 mm Zeiss Makro-Planar PQ f/4 HFT

Special high-performance lens for closeups, copying and big enlargements. Optimised for a 1:8 scale but equally usable at scales from 1:∞ to about 2:1 (with the bellows unit). Ideal for product shots and fine detail rendering. Stops down to f/32.

(Item No. 979318)



### 150 mm Zeiss Sonnar PQ f/4 HFT

Short tele lens for many pictorial applications, highly recommended for portraiture but also for frame-filling detail from greater distances. It is the standard tele lens for the fastidious photographer.

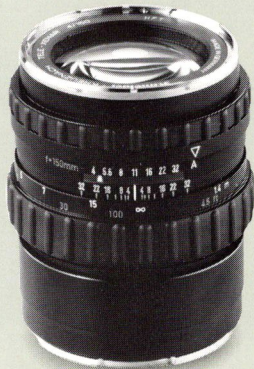
(Item No. 979325)



### 150 mm Schneider Tele-Xenar PQ f/4 HFT

Lens of moderate (approx. 2x) tele effect with reduced depth of field and subdued perspective. Ideal for portrait shots and for closely cropped more distant views. Floating elements provide excellent correction also at close distances.

(Item No. 979155)



### 250 mm Zeiss Sonnar PQ f/5.6 HFT

Classic tele lens with over 3 times the image scale of the standard lens. Suitable for long-range shots, more distant portraits, also wild-life photography in good light, sports and flash shots of single performers on the stage and in circus photography.

(Item No. 979335)



### 350 mm Zeiss Tele-Tessar PQ f/5.6 HFT

Long tele lens for distant shots with subdued perspective, yields about 4.4 times the image scale of the standard lens. Flame-free even with backlit shots, fast enough for hand-held exposures at full aperture. Complete with special lens hood.

(Item No. 979343)



### 500 mm Zeiss Tele-Tessar PQ f/8 HFT

Top-quality long tele lens with over 6x magnification. Invaluable in wild-life, sports and scientific photography, on expeditions, and deliberate tele perspective in pictorial views. With internal focusing, extending lens hood and tripod bush.

(Item No. 979348)



Rolleiflex 6006  
Rolleiflex 6002

## High-performance Schneider lenses for professional applications (PQ lenses)



P. Kaus

Pejot photograph



### 55 mm PCS Schneider Super-Angulon PQ f/4.5 HFT

Special wide-angle lens incorporating vertical/horizontal shift and up/down tilt movements for view camera-type perspective and sharpness distribution control. Large 104 mm image circle

(angle of field over 93°) to accommodate the movements which also permit correction of converging verticals. Shifts and tilt may be used in combination. Floating elements equalise optical correction over whole focusing range. For best results use with tripod and spirit level. Can of course also serve as a normal high-quality wide-angle lens.

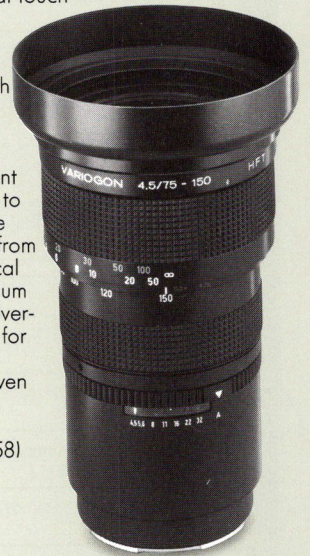
(Item No. 979275)



### 75 - 150 mm Schneider Variogon PQ f/4.5 HFT

Top-class zoom lens of outstanding image quality comparable with an excellent lens of fixed focal length. Dual-touch zoom (rotating zooming ring), constant focus at all focal length settings. Macro range from 1.8 to 0.25 m (6 ft. to 10 in.) from front of lens, or down to a 1:4.4 scale. The zooming range from the standard focal length to a medium tele provides universal applications for variable image scales from a given viewpoint.

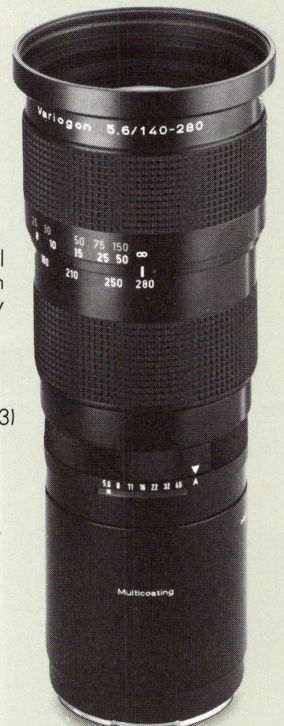
(Item No. 979358)



















### 140 - 280 mm Schneider Variogon PQ f/5.6 HFT

Dual-touch zoom lens with constant focus at all focal lengths. Near limit 2.5 m (8 1/4 ft.), extended in a special macro range down to 75 cm (30 in.) from the front lens. Image quality matches fixed focal lengths. An almost universal tele system, replacing several tele lenses. Often provides the only way of filling the frame from a given viewpoint.

(Item No. 979353)



Lens		Aperture range	Angle of view **	Lens construction	Distance adjustment	Maximum diameter	Maximum length	Weight	Filter size
	Distagon f4/40 mm	4-32	88/69°	11 elements 10 groups	∞-0.5 m 20 in	83 mm 3.27 in	90 mm 3.55 in	1040 g 36.7 oz	Via adapter
	Distagon f4/50 mm	4-32	75/57°	7 elements 7 groups	∞-0.5 m 20 in	81.5 mm 3.2 in	96 mm 3.78 in	840 g 29.63 oz	Rollei bayonet VI
	Curtagon f3.5/60 mm	3.5-22	67/49°	7 elements 7 groups	∞-0.6 m 1.97 ft	82.5 mm 3.25 in	83 mm 3.27 in	725 g 25.57 oz	Rollei bayonet VI
	Distagon f3.5/60 mm	3.5-22	67/49°	7 elements 7 groups	∞-0.6 m 1.97 ft	81 mm 3.19 in	83 mm 3.27 in	770 g 27.16 oz	Rollei bayonet VI
	Planar f2.8/80 mm	2.8-22	52/38°	7 elements 5 groups	∞-0.9 m 3 ft	81.5 mm 3.2 in	63 mm 2.48 in	590 g 20.81 oz	Rollei bayonet VI
	Xenotar f2.8/80 mm	2.8-22	52/38°	7 elements 5 groups	∞-0.9 m 3 ft	82.5 mm 3.25 in	63 mm 2.48 in	620 g 21.87 oz	Rollei bayonet VI
	Makro-Planar f4/120 mm	4-32	36/26°	6 elements 4 groups	∞-0.8 m 2.58 ft	81.5 mm 3.2 in	102 mm 4.02 in	960 g 33.86 oz	Rollei bayonet VI
	Sonnar f4/150 mm	4-32	29/21°	5 elements 3 groups	∞-1.4 m 4.6 ft	81.5 mm 3.2 in	102 mm 4.02 in	890 g 31.39 oz	Rollei bayonet VI
	Tele-Xenar f4/150 mm	4-32	29/21°	5 elements 5 groups	∞-1.4 m 4.6 ft	82.5 mm 3.25 in	102 mm 4.02 in	890 g 31.39 oz	Rollei bayonet VI
	Sonnar f5.6/250 mm	5.6-45	18/13°	4 elements 3 groups	∞-2.5 m 8.2 ft	81.5 mm 3.2 in	170 mm 6.7 in	1150 g 40.57 oz	Rollei bayonet VI
	Tele-Tessar f5.6/350 mm	5.6-45	13/9°	4 elements 4 groups	∞-5 m 16.4 ft	90 mm 3.54 in	227 mm 8.94 in	1650 g 58.20 oz	M 86x1
	Tele-Tessar f8/500 mm	8-64	9/6°	5 elements 3 groups	∞-8.5 m 27.89 ft	100 mm 3.94 in	316 mm 12.44 in	1995 g 70.37 oz	M 86x1
	PCS Super-Angulon f4.5/55 mm Shift-lens	4.5-32	70/85°	10 elements 8 groups	∞-0.5 m 20 in	104 mm 4.1 in	155 mm 6.1 in	1650 g 58.20 oz	Rollei bayonet Ø104
	Variogon f4.5/75-150 mm zoom lens	4.5-32	55/40° 29/21°	15 elements 13 groups	∞-1.8 m & macro 5.9 ft	100 mm 3.94 in	180 mm 7.09 in	1800 g 63.49 oz	M 95x1
	Variogon f5.6/140-280 mm zoom lens	5.6-45	32/23° 16/11°	17 elements 14 groups	∞-2.5 m & macro 8.2 ft	94 mm 3.7 in	238 mm 9.37 in	1750 g 61.7 oz	M 95x1 or filter insert 93 mm, Series 9a
	The doubling teleconverter doubles the focal length and extends the lens range up to 1000 mm super-telephoto or 280-560 mm super-zoom. Especially recommended for focal lengths from 80 to 150 mm.								

\* The lenses also fit the Rolleiflex 6008 professional and the Rolleiflex SLX.

\*\* diagonal/horizontal



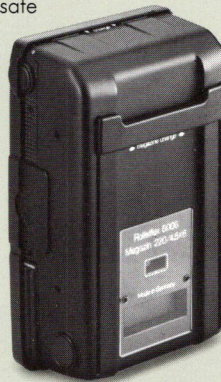
# As professional as the system itself: the system accessories

## Magazines and camera backs

### Magazines for the Rolleiflex 6006: 6 x 6 cm (2 1/4 x 2 1/4 in.)/120, 6 x 6/220, 4.5 x 6 cm (1 7/8 x 2 1/4 in.)/ 120, 4.5 x 6/220

With automatic frame counter and film type indicator. Particularly quick and convenient to load by means of the externally pre-loaded film inserts. The built-in flexible blind guarantees swift and safe magazine changing without losing any pictures. Masks for the focusing screen and image windows are supplied with the 4.5 x 6 magazines.

(Item Nos.  
760070 6 x 6/120  
760071 6 x 6/220  
760072 4.5 x 6/120  
760073 4.5 x 6/220)



### Camera backs for the Rolleiflex 6002: 6 x 6 cm (2 1/4 x 2 1/4 in.)/120, 6 x 6/220, 4.5 x 6 cm (1 7/8 x 2 1/4 in.)/ 120, 4.5 x 6/220

Camera backs to take type 120 or type 220 roll film. With automatic frame counter and film type indicator. The 4.5x6 backs include two masks, for the focusing screen and the camera's image window. Particularly quick and convenient to load by means of the externally pre-loaded film inserts.

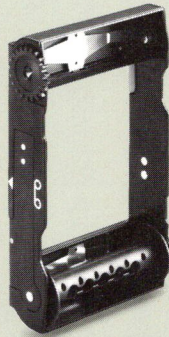
(Item Nos.  
760030 6 x 6/120  
760031 6 x 6/220  
760032 4.5 x 6/120  
760033 4.5 x 6/220)



### Film insert

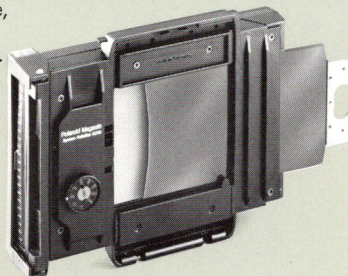
For external pre-loading, in a plastic holder. Holders available separately. For fast film change.

(Item No. 760075)



### Polaroid magazine with film speed input and darkslide

For eight 6x6 cm (2 1/4 x 2 1/4 in.) photographs on Polaroid 8.3 x 10.8 cm, (3 1/4 x 4 1/4 in.) pack film. Polaroid films which can be used are: 084, 107, 611, 667, 665, 668, 669, 108 (black/white positive, black/white positive with negative, colour positive).



(Item No. 760315)

### 70 mm magazine and 70 Data

Bulk film magazine for perforated 70 mm film. The film is available as bulk stock and is loaded in cartridges (up to 5 m length). Between 60 and 70 shots may be taken, depending upon the type of film. This magazine is fitted with a separate motor for film transport.

The film can be held flat on the pressure plate by pneumatic suction. The power supply and control are provided via the remote control socket on the camera.

(Item No. 760078)

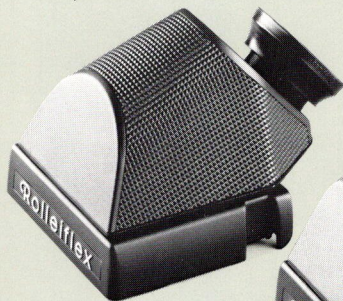


With the 70 Data magazine you can also imprint the date (year/month/day), time (day/hour/minute) or sequential numbers on each film frame.

(Item No. 760079)

## Focusing screens and viewfinder attachments

Prism finders with 45° or with 90° eyepiece can replace the standard folding hood. The prism finders show an upright and right-reading screen image; they actuate a camera switch to keep the digital aperture/speed indication right-reading, too. The finders rotate and engage in four positions at 90° intervals for convenient viewing from awkward viewpoints.



(Item No. 760095)

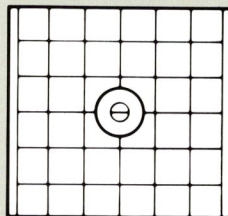


(Item No. 760096)

### Magnifying finder hood

Rigid hood for downward viewing. Adjustable 2.5x magnifier for +0.6 to -2.1 diopters eyesight correction. Removable eyecup. Yields more brilliant finder image, especially useful for closeups and macro shots.

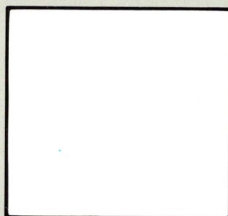
(Item No. 760097)



### Bright matt screen with central split-image wedge and microprism ring

Universal matt focusing screen with split-image wedge and microprism ring. Wedge provides most precise focusing on vertical lines, microprism by disappearance of shimmering over image detail. Matt screen with Fresnel pattern permits sharp focusing over the whole image area.

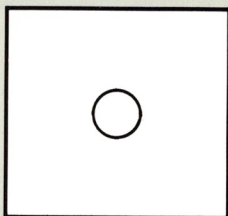
(Item No. 560180)



### Fine matt screen

Fine matt ground glass screen for precise focusing at all apertures and with more powerful focusing magnifiers. Specially suitable for macrophotography and for picture composition where focusing aids are liable to interfere.

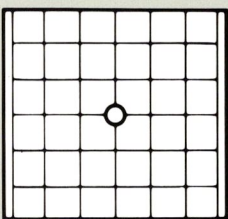
(Item No. 560030)



### Bright matt screen

Microfine screen for full-area focusing and unobstructed composition. Also suitable for small-aperture lenses and for visual check of depth of field.

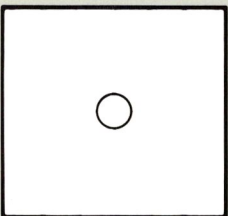
(Item No. 560045)



### Bright matt screen with split-image wedge

Universal screen for optimum visual sharpness, with split-image wedge and matt screen area. Wedge ensures ultra-precise focusing on vertical lines, for instance in architectural subjects.

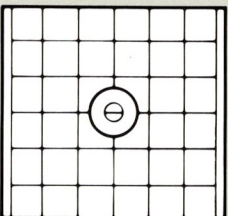
(Item No. 560050)



### Bright matt screen with microprism spot

Universal screen for rapid focusing with microprism spot and matt screen area. Permits accurate focusing even in poor light by disappearance of shimmering over image detail.

(Item No. 560065)



### Superbright screen with central split-image wedge and microprism ring

Special screen for very poor light, for instance at dusk. Central focusing aids permit precise focusing while very bright outside area clearly shows image boundaries. Less suitable with long focal lengths and for macro shots.

(Item No. 560170)

## Closeup accessories

### Extension tubes

9, 17, 34 and 68 mm long, transmit all automatic functions. May be used singly or in combination, also with bellows unit and retro adapter. Rollei bayonet fittings at both ends.

(Item Nos.  
740051 –  
9 mm  
740052 –  
17 mm  
740053 –  
34 mm  
740054 –  
68 mm)



### Bellows unit with focusing rack

With rack-and-pinion drive and clamping screw, extension scale, 1/4 and 3/8 in. tripod bushes. Links up all automatic lens functions. Rollei bayonet fittings at both ends. Extension range from 67 to 204 mm.

(Item No. 977 291)



### Retro adapter

The retro or reverse mounting adapter extends the closeup range of the Rolleiflex 6006/6002. It allows reverse mounting – for better closeup performance – of 50 mm to 120 mm lenses, and links up all automatic functions. When used with the bellows unit, the reverse-mounted 80 mm Planar f/2.8 will for instance yield macro magnifications from 1.8 to 3.5x.

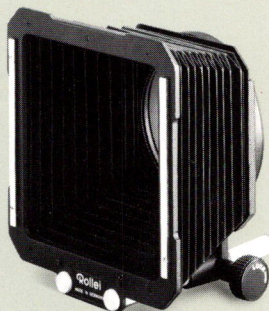
(Item No.  
740029)



### Bellows lens hood

The extending bellows hood screens off unwanted back and side light. Extension scale marked for focal lengths of 80 and 120–250 mm. Complete with screening masks for 120 and 250 mm lenses. A rear slot takes 75 x 75 mm sheet filters.

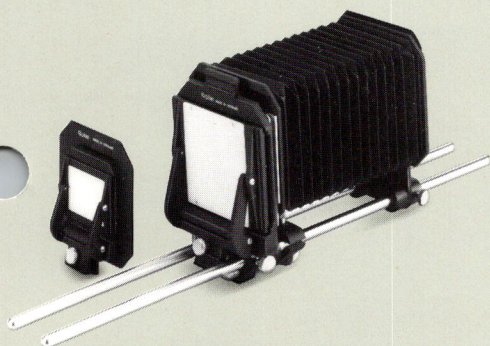
(Item No. 974 550)



### 6 x 6/24 x 36 slide copying stage

Permits direct copying of slide originals. Comprises a lens coupling ring, a 6 x 6 cm (2 1/4 x 2 1/4 in.) slide holder, fine focusing drive and SL 66 extension bellows. Used with the Rolleiflex 6006/6002 bellows unit.

(Item Nos. 209 410, 977 050, 977 020,  
977 000)



## Filters and soft-focus attachments

### Size VI filters for black-and-white film

Four filters are available: Medium yellow (–1.5 EV), green (–1.5 EV), orange (–1.5 to –3 EV), and light red (–2 to –3 EV)

as correction, contrast and effect filters with black-and-white films. The medium yellow filter is also available in a 104 mm bayonet fitting for the PCS Super-Angulon lens and as a 95 x 1 mm screw-in filter for the Variogon lenses.

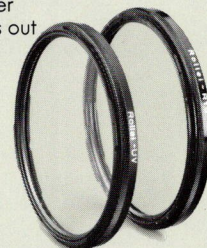
(Item No. 206 030 – 206 060)



### Size VI filters for colour films

The R 1.5 conversion filter corrects blue casts, cuts out UV rays and increases image contrast. The UV-absorbing filter improves colour rendering and eliminates definition losses due to UV radiation. Used primarily for seaside and high mountain views.

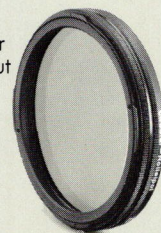
(Item Nos. 206 080, 205 150)



### Size VI polarising filter

The circularly polarising filter effectively reduces or cuts out reflections from non-metallic surfaces such as water, glass or plastics. The polarising filter also boosts contrast, cuts haze and absorbs UV.

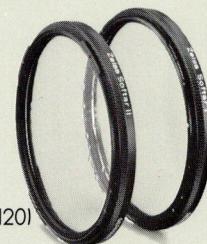
(Item No. 206 160)



### Size VI Zeiss Softar I and II soft-focus attachments

These soft-focus attachments create dreamy romantic effects, ideal for landscapes and still life subjects. They also suppress skin blemishes in portraits. The Softar II is stronger in action.

(Item Nos. 206 110, 206 120)



There is also a size VI filter holder for 75 x 75 mm filter films, and a 104 mm bayonet holder for 100 x 100 mm filters. Further filters are available from B + W Filterfabrik, Bad Kreuznach, West Germany.

## Special release systems

### MRC 120 electric multi-exposure remote release

Plugs into the camera's universal remote outlet; can trigger single or multiple exposures and prerelease the mirror.

(Item No. 208 942)



### RC 120 electric remote release

Control unit with 40 cm (16 in.) cable for remote releasing and mirror prerelease. Also available with 5 m and 10 m (16½ and 33 ft) cable.

(Item Nos. 208 985, 208 969, 208 968)



### FRC 1 remote footswitch

Electric remote release for exposing when both hands are occupied, e.g. with the camera mounted on a microscope or copying stand.

(Item No. 208 992)



### IR remote control set

With the Rollei infrared transmitter and receiver you can trigger single exposures or sequences from up to 60 m (200 ft) away – or operate a second Rolleiflex in synchronism with a manually triggered camera. Visual checks confirm signal transmission and reception and indicate shutter open time during long exposures. Applications range from unobserved shots by a hidden camera to photographing camera-shy or dangerous animals from a safe distance.

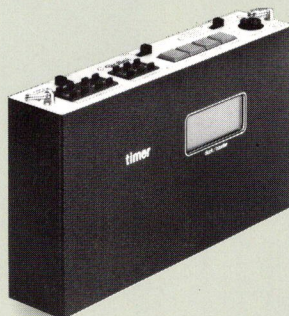
(Item No. 207 045)



### Timer

For specially long sequences. Can trigger 1 to 999 exposures at intervals of up to 59 hours and 59 minutes. Quartz control maintains the intervals with extreme precision (within 1/20 000 sec) to meet most exacting scientific requirements.

(Item No. 207 041)



### ME 1 multi-exposure control unit

Permits remote-controlled multiple shots on the same film frame for stroboscopic effects: up to ten successive exposures at intervals between 0.1 and 1.5 sec. Offers fascinating new applications and unusual results: phase records of engineering events; movement analysis of children, sports and animals; alternative operating positions of machinery etc. and other multi-exposure effects.

(Item No. 208 988)



## Power supplies

### Spare NiCd power pack

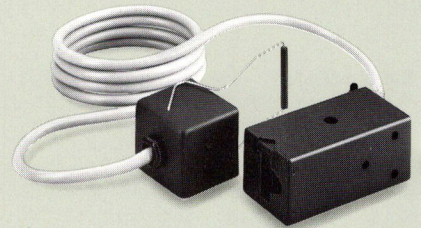
Interchangeable pack for extra power during long shooting sequences.

(Item No. 208 953)



### External battery connector

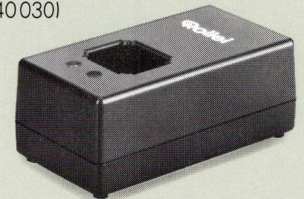
Keep the power pack outside the camera, for a reliable power supply in very cold weather: you carry the battery in a warm pocket. Comprises extension lead and connectors to plug into the power pack and into the camera's battery compartment. (Item No. 208 956)



### Rapid charger (supplied with 6006-camera)

100 – 240 volts, 50/60 Hz, with automatic rapid-charge limiter. Signals rapid and normal charge operation. Rapid charge takes about 1 hour, normal charging 14 hours. 12 volt input from car battery, plug-in AC supply lead.

(Item No. 740 030)



### Car battery lead

To run the charger off a 12 volt car battery; plugs into the car's cigarette lighter. Charging time 12 hours.

(Item No. 208 955)

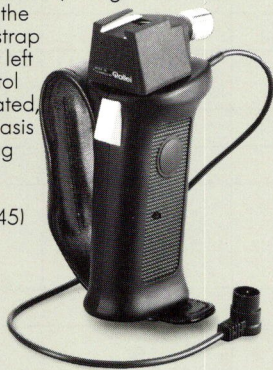


## Firmly in your grasp in any situation

### Pistol grip

With electrical release, designed for mounting underneath the camera. Hand strap may be fitted at left or right. The pistol grip can be rotated, and forms the basis of other handling accessories.

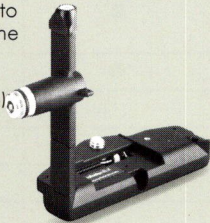
(Item No. 208 945)



### Extension unit for side-mounting

With base plate and side bracket. With this the pistol grip can be fitted to the left or right of the camera, or to the tripod, using the quick coupling.

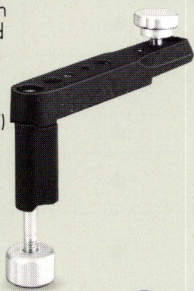
(Item No. 208 946)



### Extension unit for automatic flash

Specially designed for Metz automatic flash units (Mecablitz 45 CT 4, CT 5 and 60 CT 2) in conjunction with the pistol grip and the side-mounting extension.

(Item No. 208 947)



### Quick focusing lever

For focusing of the lens. Clamps on the focusing ring of lenses with 40 mm to 350 mm fixed focal length.

(Item No. 208 952)



### Quick tripod coupling

For rapid mounting of the camera on the tripod. The coupling shoe can remain permanently on the tripod.

(Item No. 208 700)

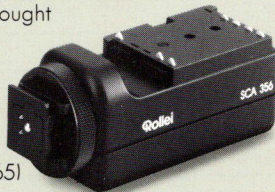


## Simple and reliable flash

### Rollei SCA 356 flash adapter

The Rollei SCA 356 flash adapter provides for dedicated operation with all flash units using the SCA 300 system. The connections are made simply by plugging the flash unit into the camera hot shoe using the SCA adapter. The necessary data for dedicated flash are thus brought together, ensuring perfect flash photographs.

(Item No. 207 065)



### Rollei FM 1 flashmeter

The FM 1 is a unique, sophisticated precision measuring instrument which provides precise measurement of flash illumination within the camera, using either studio flash lighting or normal flash guns. For this purpose the unit is plugged into the camera's hot shoe. The sensor mounted within the camera body measures the light reflected from the film or from the metering back plate and transmits this data to the measurement electronics of the flashmeter. A high-sensitivity indicator shows, in EV units, whether the exposure was correct. In the event of an error, a corresponding correction can be made by altering the aperture or the flash energy.

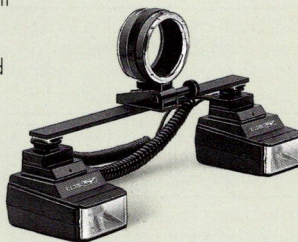
(Item No. 207 066)



### Rollei MF 2 Macroflash

Used in conjunction with the Rollei SCA 356 adapter, the Macroflash kit extends the advantages of the TTL flash system into the closeup range. It gives synchronous control of the two Metz flash units with rotating and tilting reflectors (Guide No. 32 at 21 DIN/100 ASA). For variable light distribution, when used as main and supplementary lighting, the two flash units can also be manually adjusted.

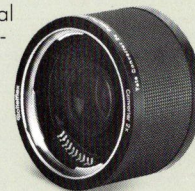
(Item No. 207 068)



### Auto 2x teleconverter

This is designed for all standard, long-focus and zoom lenses, and doubles the focal length of the lens to which it is fitted. At the same time, the aperture values are changed by two stops (-2 EV). As a result of the sophisticated optical system, the performance of the original lens is practically unaltered.

(Item No. 979 227)

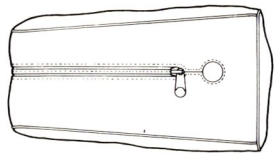


### Aquamarin WKD - SLX

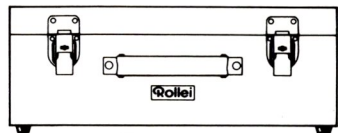
Compact professional underwater housing, built in two sections with quick release fastenings. The removable front window unit enables any lens to be used, up to a focal length of 250 mm. All functions are transmitted and can be read from the outside on scales which can be changed to suit the various lenses. The ideal viewfinder system, at an angle of 30° to the optical axis, provides for the use of the diverting prism supplied in the housing. Viewing of the finder image through a magnifier of 90 mm diameter. Film check window at the back of the housing. Built-in socket for pilot lamp. Detailed information from: Ocean-Optics, Rheinstrasse 82-88, D-6100 Darmstadt.

**Lens hoods, filters and cases complete the Rolleiflex 6006/6002 system. Most of the accessories can also be used with the Rolleiflex SLX and 6008.**

	Rolleiflex 6006 mod 2	Rolleiflex 6002
Automatic single-lens reflex camera with electronic control by built-in microprocessor, TTL exposure measurement (automatic aperture control) and TTL automatic flash control	●	●
Photographic format 6 x 6 cm (2¼ x 2¼ in.) and 4.5 x 6 cm (1⅝ x 2¼)	●	●
Film types 120 or 220, for 12 or 24 exposures 6 x 6 cm (2¼ x 2¼ in.) or for 16 or 32 exposures 4.5 x 6 cm (1⅝ x 2¼ in.), Polaroid pack film for 8 exposures 6 x 6 cm (2¼ in. x 2¼ in.)	●	●
Use of perforated 70 mm film with type 70 magazine	●	
Film speeds from ISO 25/15° to 6400/39°, adjustable on the camera	●	●
Exposure control system (automatic aperture control) Centre-weighted integral measurement by three large-area silicon photoelements behind the swinging mirror, electronic stray light compensation during the release, automatic system can be switched to manual aperture selection with intervals of one-third of a stop	●	●
Measured-value storage using combination meter button	●	●
Measurement range: light values 3-18/3.2 – 100,000 asb/1 – 33,000 cd/m <sup>2</sup> using ISO 21/100° film with f2.8/80 mm lens	●	●
Electronically controlled leaf shutter, speeds 1/500 to 30 seconds and B, operated by two linear motors built into the lens	●	●
Rollei bayonet mounting, ten-pole contact strip for transmitting aperture and shutter drive pulses. Automatic aperture control fully retained (also in combination with bellows, extension tubes and retro adapter)	●	●
Equipped with Zeiss Planar f2.8/80 mm as standard	●	
Equipped with Schneider Xenotar f2.8/80 mm as standard		●
Microswitch release on the camera front, remote release socket	●	●
Cable release socket	●	
Film transport by built-in high-performance motor, single exposure or continuous operation at 3 frames every 2 seconds	●	●
Multiple exposure using MRC 120 hand release or ME 1 multiple exposure control unit		●
Built-in multiple exposure facility via disengaged film transport, with constant image control in the viewfinder. Socket for ME 1 multiple exposure control unit (up to 10 exposures per second)	●	
Swinging mirror with pre-release facility, partially transparent multi-layer coating and pneumatic damping	●	●
Mirror pre-release on the camera	●	
Standard folding viewfinder hood, interchangeable with 45° or 90° prism finder or rigid magnifying finder, six interchangeable focusing screens	●	●
Flash synchronization from 1/500 to 30 seconds, accessory shoe with central synchronizing contact and contacts for automatic flash units and Rollei SCA 356 and also for Rollei FM 1 flash exposure meter	●	●
TTL flash metering in the film plane by additional silicon photodiodes, with flash ready indication and exposure monitoring in the viewfinder	●	●
Power supply from rechargeable sintered NiCd battery pack for about 600 exposures (at normal room temperature)	●	●
Rapid recharging unit (100/240 V, 50/60 Hz) with automatic switchover to normal charging rate and with 12 V car battery connector	●	○
Magazines for 6 x 6 cm (2¼ x 2¼ in.)/120, 6 x 6/220, 4.5 x 6 cm (1⅝ x 2¼ in.)/120, 4.5 x 6/220 film with integral laminar blind, rapid reloading by means of pre-loaded film cartridges, automatic film take-up and wind-up when connected to the camera body, frame counter, film type indicator, Polaroid magazine for pack film 8 exposures 6 x 6 cm (2¼ x 2¼ in.), type 70 magazine for 60-70 exposures	●	
Camera backs for 6 x 6 cm (2¼ x 2¼ in.)/120, 6 x 6/220, 4.5 x 6 cm (1⅝ x 2¼ in.)/120, 4.5 x 6/220 film, rapid reloading using pre-loaded film cartridges, automatic film take-up and wind-up when connected to the camera body, frame counter, film type indicator, Polaroid magazine 8 exposures 6 x 6 cm (2¼ x 2¼ in.)		●
14-pole universal socket for multiple-exposure unit, timer, hand release, foot-operated remote release, infrared remote control; quick tripod coupling, ¼" and ⅜" tripod bush	●	●
Dimensions without lens Dimensions with standard f2.8/80 mm lens	6006 127 x 112 x 138 mm 171 x 112 x 138 mm	6002 108 x 112 x 138 mm 154 x 112 x 138 mm
Weight without lens Weight with standard f2.8/80 mm lens	1450 g/51 oz 2040 g/72 oz	1230 g/43 oz 1850 g/64 oz



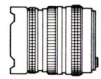
Leather camera case



Aluminium case



Filter-adapter with lens hood



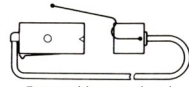
Distagon f4/40



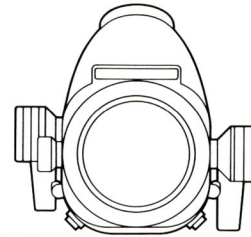
Carrying strap



Magnifying viewfinder hood



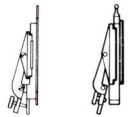
External battery lead



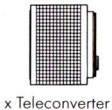
Underwater housing



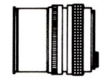
Filters for black and white or colour film



Slide copying stages



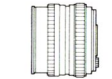
2 x Teleconverter



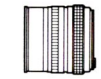
Distagon f4/50



Adapter rings



Curtagon f3.5/60



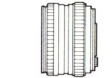
Distagon f3.5/60



Focusing lever



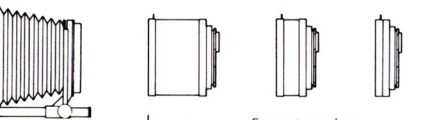
Sheet filter holder for f4.5/55



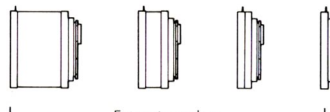
Xenotar f2.8/80



Planar f2.8/80



Bellows lens hood



Extension tubes



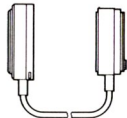
Tele-Xenar f4/150



Makro-Planar f4/120



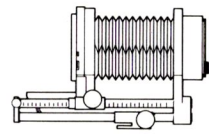
Lens hoods



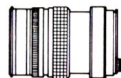
Retro adapter



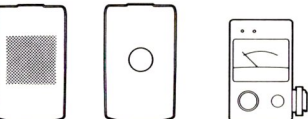
Lens caps



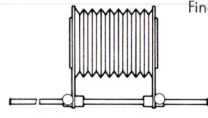
Bellows unit



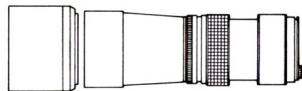
Sonnar f4/150



FM 1 TTL-flashmeter



Bellows extension



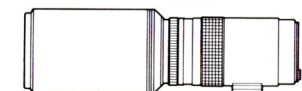
Tele-Tessar f5.6/350



Rollei SCA 356 dedicated flash adapter



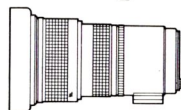
PCS Super-Angulon f4.5/55



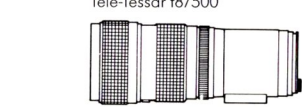
Tele-Tessar f8/500



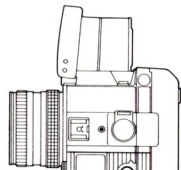
TTL-Macroflash Rollei MF 2



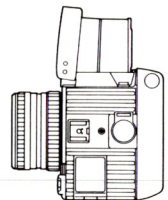
Variogon f4.5/75-150



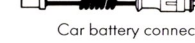
Variogon f5.6/140-280



Rolleiflex 6006 mod 2 with standard lens



Rolleiflex 6002 with standard lens



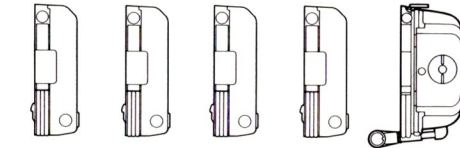
Car battery connection lead



Chargers



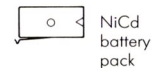
Focusing screens



Interchangeable magazines



Tripod couplings

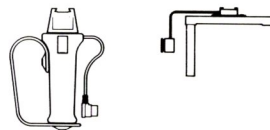


NiCd battery pack

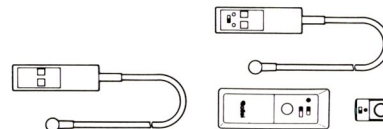


Interchangeable backs

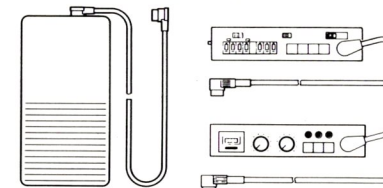
Film insert  
Polaroid magazine



Pistol grip and flash mounting extension



Remote control units



## Superior slide projection

Rollei is not only famous for its long and successful tradition of producing top-level rollfilm reflex cameras – it also offers superb professional 6 x 6 slide projectors.

**Rolleivision 66:** Solidly built twin-belt drive for standard 77 or hook-together CM 77/30 slide trays. This provides continuous projection from a multiple slide tray set. Automatic multi-mode slide change system, autofocus with manual override. Lighting system with 24 volt, 250 watt tungsten-halogen lamp, aspheric condenser system, dimmer for stepless lamp control, heat filter. Cable or IR remote control. Interchangeable lenses from 90 to 400 mm. Perfect dissolves with two Rolleivision 66 projectors controlled by the Rollei MD 216 or other control units.

**Rolleivision 66 AV:** Like model 66 but with automatically switched spare lamp and LED signal, timer, greater light output. Auto reverse facility returns tray to slide No. 1. Programmable continuous projection for semi-professional and professional applications.



Rollei Fototechnic's commitment is to produce top-class photo equipment for professional and advanced amateur photographers. We meet our supreme standards with high-performance cameras from 35 mm to rollfilm reflex systems, with outstanding lenses and accessories and with superbly engineered slide projectors.