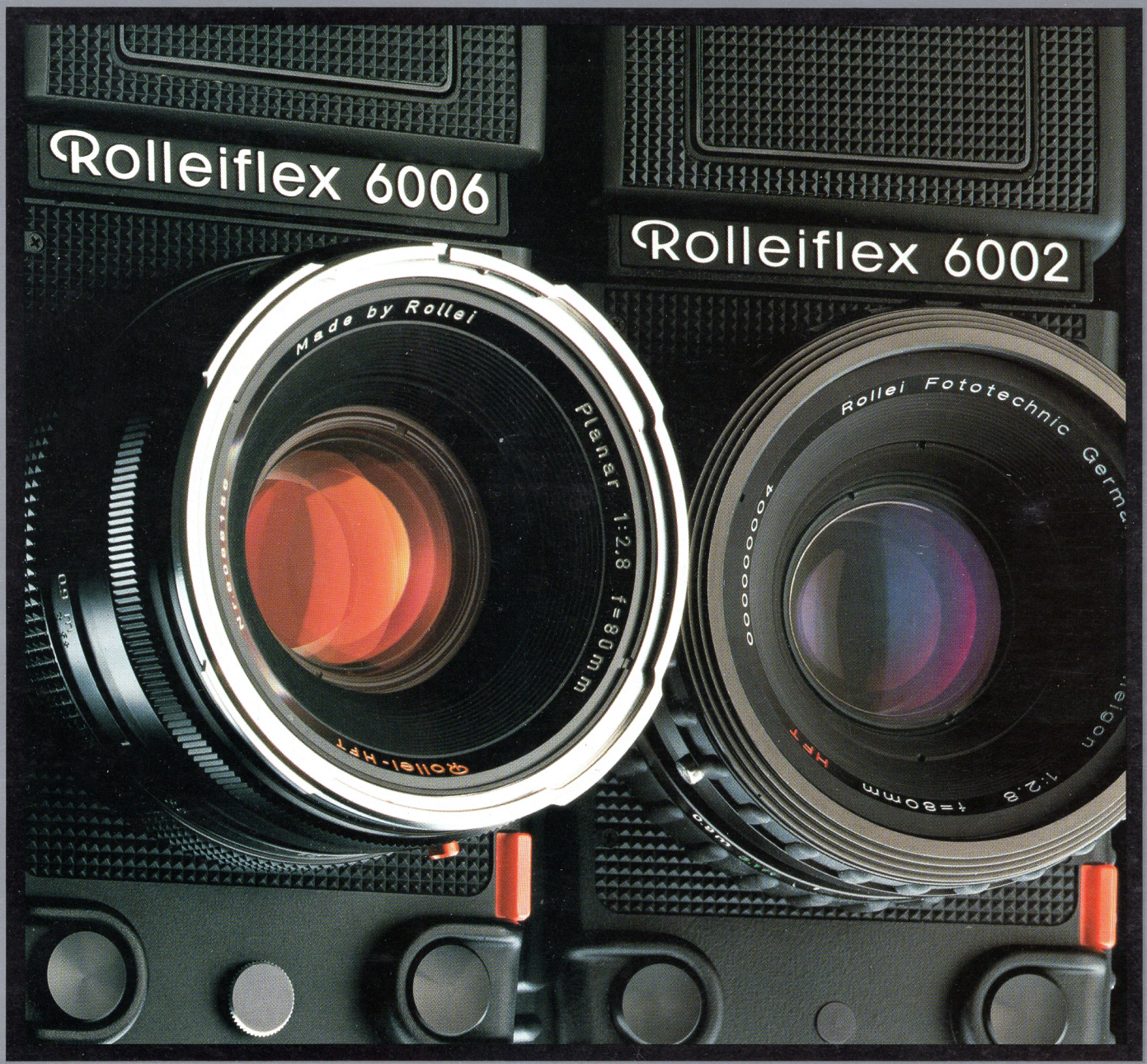


Rolleiflex 6006
Rolleiflex 6002

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 6 x 6 (2¼ x 2¼) became the obvious tool for the professional photographer.
Just eight years later the Rolleiflex Automat 6 x 6 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 6 x 6 – 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 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 Fototechnic GmbH brought its mechanical 6 x 6 (2¼ x 2¼) camera with built-in exposure metering and TTL automatic flash on to the market, thus adding to the great Rollei tradition.
The climax of Rollei's development programme is the Rolleiflex 6006, introduced in 1983. This is the first professional medium-format action camera and is, with its automatic exposure and flash control, built-in motor and new-style interchangeable magazine, a milestone in the history of photography.

With the Rolleiflex 6006 and Rolleiflex 6002 (recently developed from the same successful camera concept) Rollei is offering today's leading medium-format camera system – demonstrating 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 on his own creativity but also on using the right camera system in the proper picture format. 6 x 6 (2¼ x 2¼) is the format preferred by professionals: four times the area of 35 mm and considerably larger than 4.5 x 6 (1⅝ x 2¼). 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 6 x 6, 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 6 x 6 format are apparent not only in large prints but also in brilliant screen projection.
But excellent photographic results require outstanding cameras and lenses. 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 new Rolleiflex 6002, Rollei is once again setting the standards. Anyone deciding to make creative use of medium format should not be satisfied with less.

Rolleiflex 6006 and 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 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 (as well as the new Rolleigon lenses), this pace-setting camera system extends the range of your creative efforts.

Rolleiflex 6006. The ultimate in 6 x 6 professionalism

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; 15 to 39 DIN or 25 to 6400 ASA.

③ Buttons for releasing the magazine.

④ Rotary knob for shutter speeds with setting dial for film speed, 15 to 39 DIN or 25 to 6400 ASA; 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.

Rolleiflex 6002. The sure start in professional medium format

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 button 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.

⑲ Frame counter.

⑳ Holder for magazine identification label.

㉑ Quick-change battery insert with safety interlock and overload protection, plus spare fuse.

㉒ Quick-release button for the lens.

㉓ Interchangeable back with integrated frame counter. Backs are available for picture formats 4.5 x 6 and 6 x 6, both for 120 and 220 film.

㉔ Rolleigon 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

Professionals confirm it: Rolleiflex 6006. The international leader when perfection and speed in the medium format is required

Pejot, photodesigner of BFF:
"I've waited a long time for a camera like the Rolleiflex 6006. It gives me the reliable exposures I need, even with unusual viewpoints and continually varying light conditions, whether it's full direct light, side-light or back-light. So I can concentrate entirely on the subject. Its speed is impressive, too. Take-up of the film and winding on of the film trailer are automatic – absolutely first class. So is the closure blind on the magazine and the easy operation. For me, it is simply the professional medium-format camera."

Boris Guderjahn, photodesigner of BFF, people and action photographer:
"Medium-format picture quality and the easy handling of a 35 mm – in my opinion this combination in the Rolleiflex 6006 is unbeatable. I appreciate this most of all when I'm on a rush job and have to meet a tight deadline without risking picture quality. Then I can feel how modern camera technology takes the pressure off. That's why I needed to change over to the action concept of the Rolleiflex 6006. It gives me improved performance and I produce more effective results."

Rolleiflex 6002

Professionals recommend: Rolleiflex 6002. There is no better way to start in professional medium format photography

Rainer Meier, photodesigner of BFF, advertising and industrial photographer:
"When someone asks me what is the best way to make a start in the 6 x 6 format, I recommend the new Rolleiflex 6002. And that's from experience. Because this camera was developed from the successful Rolleiflex 6006 design, which I went over to some time ago on account of its speed and the reliability in every photographic situation."

Susesch Bayat, fashion and advertising photographer:
"No-one who wants to go further in photography and move into medium format can overlook the Rolleiflex 6002.
It is ideal for beginners in this field. With unique features designed to handle the action situations that we professional photographers meet in reportage and fashion work. And with features which I think are a great advantage to amateurs."

Rolleiflex 6006
Rolleiflex 6002

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

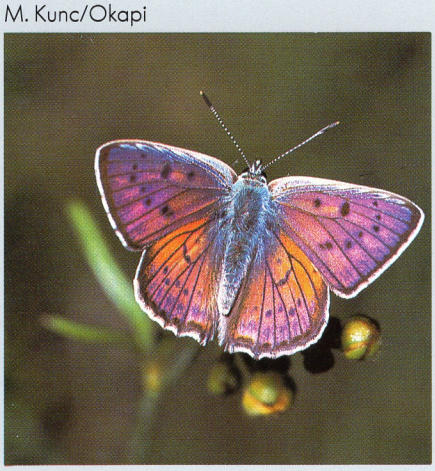
The built-in TTL automatic exposure control in the Rolleiflex 6006/6002 system gives you the best exposure for every photographic situation. It adjusts to the prevailing light conditions in a fraction of a second – an invaluable asset in action photography and always there when you want to capture impressions or unusual perspectives and light conditions. All the exposure functions are controlled by a microprocessor 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 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 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, and the mirror prerelease for vibration-free exposures.

P. Kaus

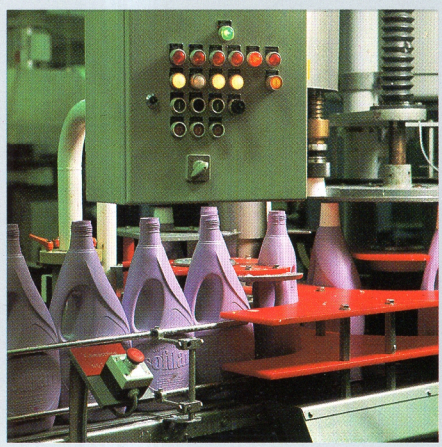
W. R. Weber

Pejot photograph

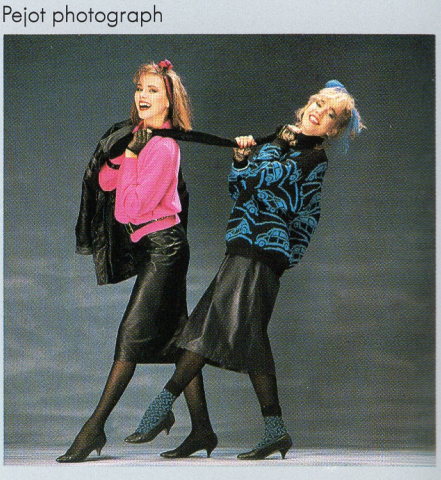
M. Kunc/Okapi



P. Kaus



Pejot photograph



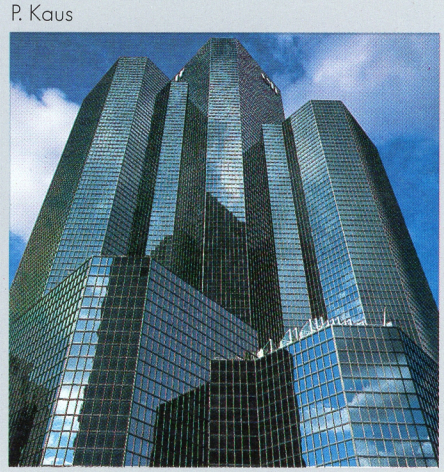
P. Kaus

P. Kaus

K. D. Steinkamp

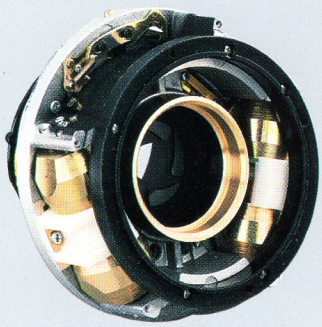
Kasch/Schuster

P. Kaus



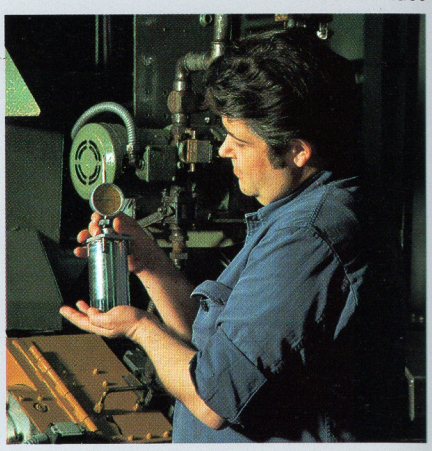
Rolleiflex 6006
Rolleiflex 6002

Flash metering through the lens with the advantage of the flash-synchronized leaf shutter

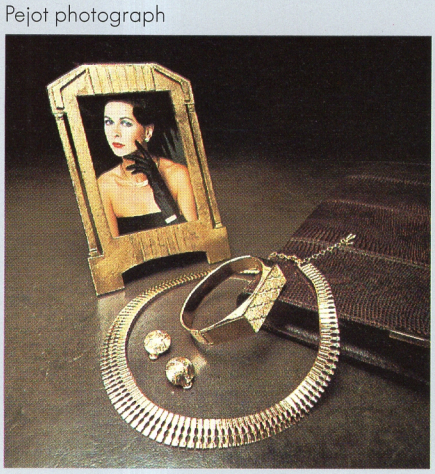


The TTL flash metering system in the Rolleiflex 6006 and the 6002 incorporates the latest technology. When used in conjunction with automatic flash units and special SCA adapters, both cameras provide accurate flash control. With freedom to choose the aperture, any flash photograph can be achieved quickly and without difficulty. Rollei Flash adapter SCA 356 (SCA 300 system) for automatic flash units from Braun, Cullmann, Metz, Osram and Regula. 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 backplates are available, with spot-metering or averaging patterns. This allows flash to be measured without wasting film.

Pejot photograph P. Kaus



Pejot photograph



P. Kaus

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 3 pictures in 2 seconds. In this, it is unsurpassed among professional medium-format cameras.
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.

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 (2¼ x 2¼) 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 (1⅝ x 2¼) for 120 films (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 6 x 6 (2¼ x 2¼) exposures on 8.3 x 10.8 cm (3¼ x 4¼)Polaroid film in packs.

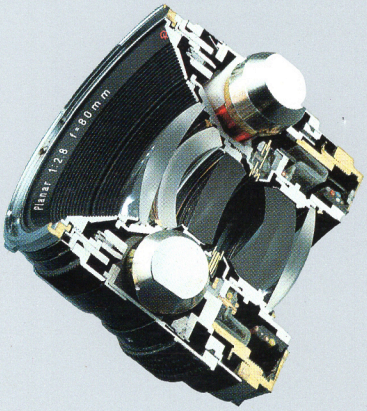
...using the special quick-loading system on the Rolleiflex 6002

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

Rolleiflex 6006
Rolleiflex 6002

A superior lens for a superior camera



ZEISS
West Germany

Schneider
KREUZNACH

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.
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 1/500 to 30 seconds. The connection between camera and lens is achieved using electronic contacts, i.e. hermetically sealed, with no moving parts and no wear.

Top quality Zeiss lenses
Every Zeiss lens is a synthesis of almost a hundred years' experience combined with the most advanced computer-aided design methods.
Even though automatic computer programs have been introduced to calculate the optimum correction of aberrations, the basic principles of the design still play a major part in the achievement of the development objective. This basic design depends entirely on the know-how of the designer.
Internationally renowned lens designs such as Tessar, Planar, Sonnar and Distagon are clear proof of the value of Zeiss's experience and represent the highest standards of optical precision and image quality. The uniform and neutral colour characteristics of all Zeiss lenses is the result of the anti-reflection coating, originally developed by Zeiss and patented as long ago as 1935: one of the most fundamental optical achievements of this century. The close collaboration between Carl Zeiss and Rollei has led most recently to the HFT (High Fidelity Transfer) coating used today. This provides strong suppression of reflections and high colour brilliance.
The quality of a lens makes itself evident in the sharpness, contrast, colour reproduction and brilliance of the image. Zeiss lenses give maximum priority to these requirements. The MTF measuring system (Modulation Transfer Function) perfected by Zeiss ensures that

every single Zeiss lens made for Rollei cameras is distinguished by precise resolution and contrast, superior correction of residual aberrations and a very good illumination of the image field.
Rollei is proud of the fact that it manufactures some of these top-quality Zeiss lenses under licence. This close collaboration with Zeiss has led to a number of design improvements for which Rollei must take some of the credit. Schneider, Kreuznach also participate in this collaboration between experts. The world-wide reputation of German opticals precision is largely due to the designs produced by these two companies. Their practical, often pioneering, innovations virtually speak for themselves.

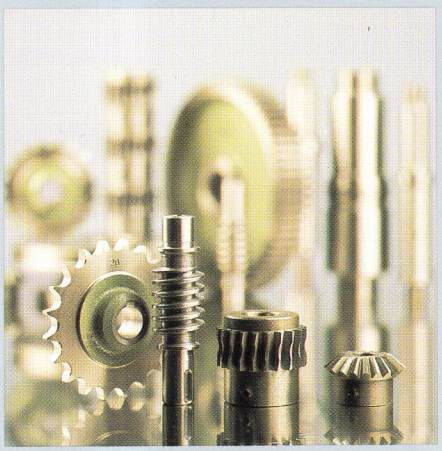
Rolleigon lenses: the ideal starting point with the Rolleiflex 6002
As a result of collaboration with Carl Zeiss, the Rollei engineers have access to specialized know-how in the judgement of image quality. For this, the pre-eminent optical transfer function (OTF) method is used for complete representation of the accuracy of reproduction. Based on this knowledge and a new method of lens construction that allows extremely close manufacturing tolerances to be maintained, an exceptional range of standard lenses has been created for the Rolleiflex 6002 – the HFT Rolleigons f4/50 mm, f2.8/80 mm and f4/150 mm. Together with the 2x teleconverter, they provide the photographer with a range of focal lengths up to 300 mm. Close collaboration with a first-class partner promises the beginner a modern high-performance basic system with an excellent price/performance ratio.
Like all the lenses included in the Rolleiflex 6006/6002 system, the Rolleigons are equipped with two high-performance linear motors, infinitely variable aperture control and electronically controlled leaf shutter. Besides these standard lenses, the Rolleiflex 6002 can also be fitted with all Zeiss and Schneider lenses of the Rolleiflex 6006 system.

Distagon: the traditional name for wide-angle lenses. The very latest optical designs are guaranteed. The partial use of floating elements improves image quality, especially in the close-up range.
Planar: further development of a pioneering design principle based on minimizing lens curvature (P. Rudolf, 1896). Planar designs are intended to provide very fast lenses, which are frequently used at fulll aperture (Available Light Photography).
Sonnar: introduced about 50 years ago, this lens has become recognized as a pioneering telephoto design (1936 Olympics – the Sonnar f 2.8/180 mm was designed for L. Riefenstahl). The name is used today for computer-calculated Zeiss lenses.
Tele-Tessar: the name Tessar was coined by P. Rudolf in 1902 for the "triple design", which is distinguished by its superlative image quality. The name of the lens was later lengthened to Tele-Tessar. The main characteristic of this lens is its compact construction resulting from the introduction of the latest types of glass and new calculation techniques. Excellent results are achieved even at full aperture. This is especially suitable for wild-life and sports photography.

The classic Zeiss lens range to meet the highest standards

P. Vogt

Zeiss Distagon f4/50 mm HFT
A very compact wide-angle lens, having a wide field of view and high level of correction. Recommended for landscape views, architecture, interiors and reportage. A lens which is also effective when reverse-mounted. The most-used wide-angle lens.
(Art. No. 979 280)



R. Meier

Zeiss Planar f2.8/80 mm HFT
The universally applicable normal focal length, with exceptionally good correction and flatness of field, maximum sharpness right to the corners of the picture. The large aperture allows accurate, quick focusing. Also very good performance when reverse-mounted.
(Art. No. 979 290)

S. Bayat

Zeiss Sonnar f4/150 mm HFT
A short tele lens for many applications in middle-distance photography. Strongly recommended for the portrait studio, but also for frame-filling detail from greater distances. The standard tele lens for demanding photographers.
(Art. No. 979 320)

Top quality Zeiss lenses for every type of creative photography

Zeiss Tele-Tessar f5.6/350 mm HFT
The long telephoto lens for long-range photography and foreshortened perspective, with magnification approximately 4.4 times that of the standard lens. Unaffected by critical backlight. Hand-held use is still possible at full aperture. A special lens hood is supplied.
(Art. No. 979 340)

Zeiss Distagon f4/40 mm HFT
This super-wide-angle lens with its extreme technical characteristics such as aperture, angle of view and breadth of field gives excellent image quality. Apart from architectural and large-scale landscape photography, it is recommended for interiors, still life and reportage.
(Art. No. 979 370)

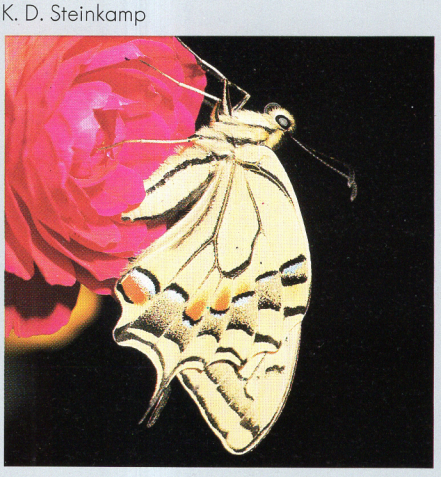
Zeiss Distagon f3.5/60 mm HFT
Versatile, moderately wide-angle lens of compact construction. With these features, it offers a genuine alternative to the standard 80 mm focal length, since the moderately wide angle provides a large field of view, but the picture doesn't have the typical wide-angle character. The short focusing adjustment and large depth of field allow swift and sure focusing in action work.
(Art. No. 979 285)

Zeiss S-Planar f5.6/120 mm HFT
The special lens with high image quality for reproduction and high subsequent enlargement. It is optimized for a magnification of 1:8, but can be used over a wide range from 1:∞ to about 2:1 (using bellows). Ideally suited for still life and detail photography, it can be stopped down to f45 for maximum depth-of-field.
(Art. No. 979 310)

Zeiss Sonnar f5.6/250 mm HFT
Classic long-focus lens with approximately 3 times the image size of the standard lens. Obviously suitable for long-range photography, for portraiture from long distance, for wild-life photography in good light, for sports events and also for flash photography of individual performers in the theatre.
(Art. No. 979 330)

Zeiss Tele-Tessar f8/500 mm HFT
A top-quality telephoto lens for strongly compressed perspective, giving 6 times the magnification of a standard focal length lens. Indispensable for wild-life, scientific, sports, and expedition photography, but also in the creative field, where the extreme compression of the background of a composition should make it more expressive. The lens has internal focusing and is equipped with a telescopic lens hood and a tripod connector.
(Art. No. 979 345)

K. D. Steinkamp



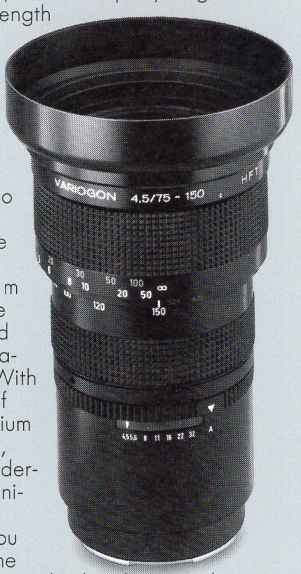
W. R. Weber

High performance lenses from Schneider, Kreuznach, for professional applications

P. Kaus

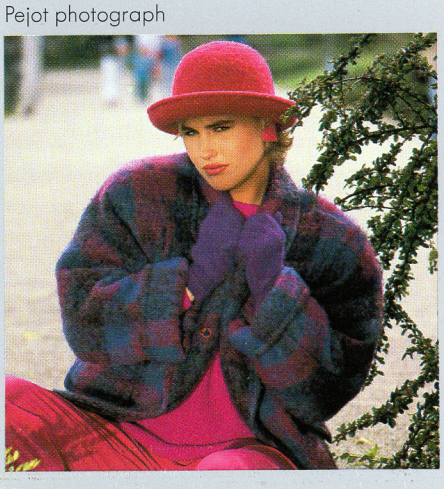
PCS Super-Angulon f4.5/55 mm HFT, Schneider, Kreuznach
A special wide-angle lens with facilities for vertical and horizontal shift and upward and downward tilting of the optical axis on the Scheimpflug principle, for altering the perspective and depth-of-field. Automatic equalization of correction during focusing by means of 'floating elements'. Image circle diameter of 104 mm. These techniques, allowing the straightening of verticals and extended depth of field, were previously available only with large-format cameras. Tilt and shift can be combined. The lens can naturally be used also as a high quality wide-angle lens forming a normal image. A tripod and spirit level ensure optimum results.
(Art. No. 979 270)

Variogon f4.5/75-150 mm HFT, Schneider, Kreuznach
High performance zoom lens with outstanding image quality, which is equally as good as a fixed focal-length lens. Focal length adjustment is achieved by means of a setting ring without the need for subsequent focusing. In macro operation the adjustment range is extended from 1.8 down to 0.25 m distance from the front element and permits magnification up to 1:4.4. With its zoom range of standard to medium long focal length, this can be considered a genuinely universal lens. The solution, when you cannot choose the point from which to take the photograph.
(Art. No. 979 355)



Variogon f5.6/140-280 mm HFT, Schneider, Kreuznach
A zoom lens with macro setting. Focal length adjustment without refocusing, shortest distance setting only 2.5 m. With the macro unit close-up photographs down to 75 cm distance from the front element are possible. The image quality is as good as from a fixed focal length. This lens replaces several fixed-focal-length lenses and, as a result of the additional macro setting, has the character of a universal lens. Frequently the only possible means of obtaining a photograph that fills the frame from a given standpoint.
(Art. No. 979 350)

Pejot photograph



Rolleigon lenses for a successful start in medium format

Rolleigon f4/50 mm HFT
The most commonly used wide-angle focal length in the medium format. An entirely re-computed lens design with excellent sharpness and control of linear distortion. Preferred applications: landscape, interiors and architecture. Also recommended for reportage and action photography.
(Art. No. 979050)

Rolleigon f2.8/80 mm HFT
The normal medium-format focal length. A modern lens design with a fast f2.8 aperture, wide contrast range and exceptionally sharp image, which masters almost any photographic assignment. Also ideally suited for close-up work.
(Art. No. 979080)

Rolleigon f4/150 mm
A focal length which gives the image a moderate but definite telephoto effect. The standard long-focus lens for the photographer who works mainly in the portrait field or for whom photographing is restricted by a larger working distance.
(Art. No. 979150)

All lenses for the Rolleiflex 6002 and 6006 at a glance

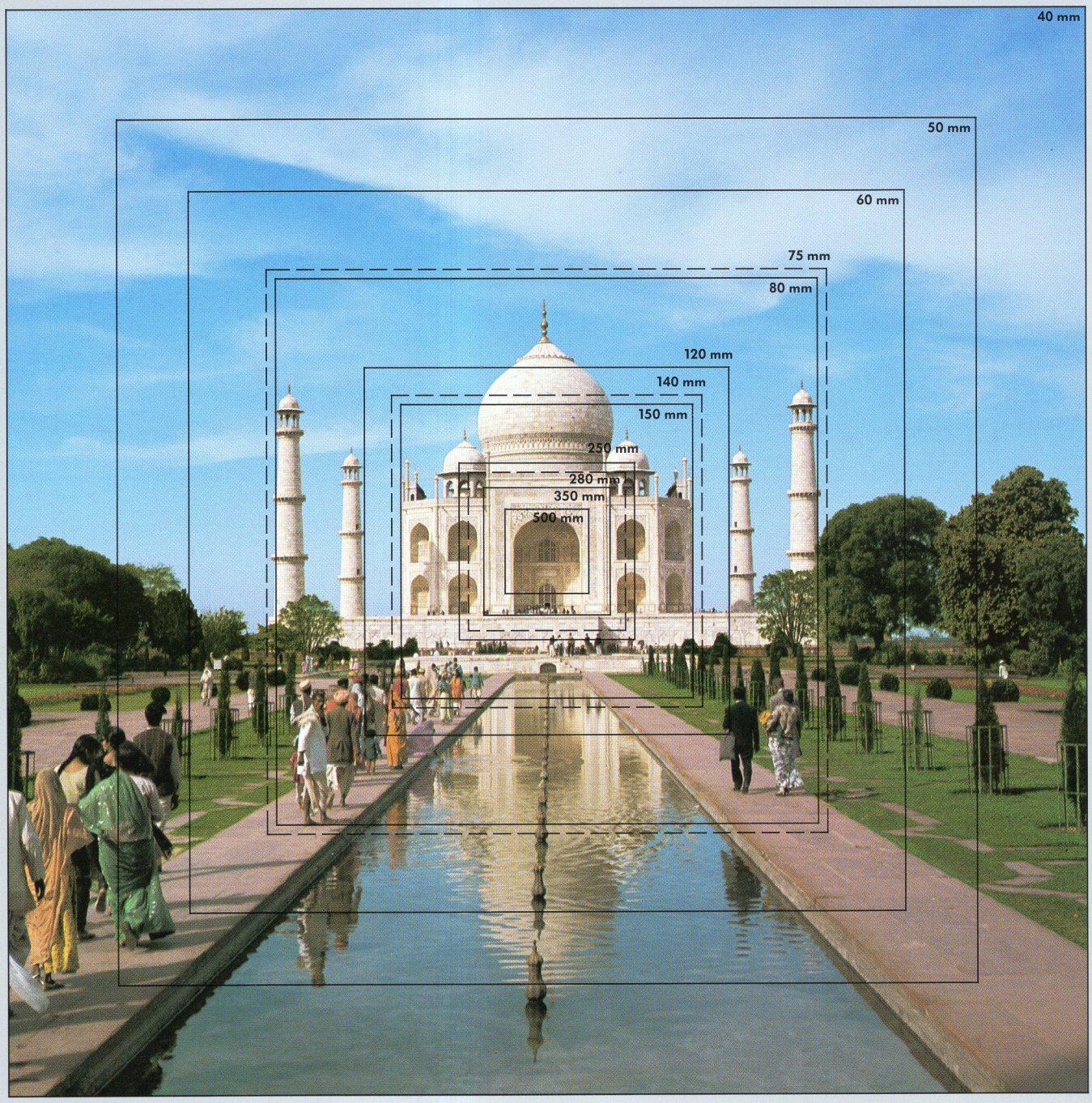
Lens		Aperture range	Angle of view: diagonal/ horizontal	Lens construction	Distance adjustment	Maximum diameter	Maximum length	Weight	Filter size
	Rolleigon f4/50 mm	4-32	75/57°	8 elements 8 groups	∞-0.5 m 20 in	88 mm 3.46 in	86 mm 3.39 in	715 g 25.2 oz	E 77
	Rolleigon f2.8/80 mm	2.8-22	52/38°	6 elements 5 groups	∞-0.9 m 3 ft	82.5 mm 3.25 in	63 mm 2.48 in	570 g 20.11 oz	E 67
	Rolleigon f4/150 mm	4-32	29/21°	5 elements 4 groups	∞-1.4 m 4.6 ft	82.5 mm 3.25 in	99 mm 3.9 in	760 g 26.8 oz	E 67
	Distagon f4/40 mm	4-32	88/69°	10 elements 9 groups	∞-0.5 m 20 in	104 mm 4.1 in	126 mm 5 in	1475 g 52.03 oz	Rollei bayonet VIII
	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
	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
	S-Planar f5.6/120 mm	5.6-45	36/26°	6 elements 4 groups	∞-0.95 m 3.1 ft	81.5 mm 3.2 in	100 mm 3.94 in	810 g 28.57 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
	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 VIII
	Variogon f4.5/75-150 mm zoom lens	4.5-32	55/40° 29/21°	15 elements 13 groups	∞-1.8 m a. 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 a. 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 for the Rolleiflex 6006 and 6002 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.								

Rolleiflex 6006
Rolleiflex 6002

The whole spectrum of composition

The practical range of lenses for the Rolleiflex 6006/6002 system offers nearly unlimited opportunities for creative picture composition.

This photograph shows the various image frames for the different lenses, with the camera in one fixed position.



As professional as the system itself: the system accessories

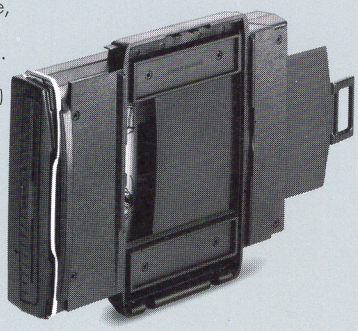
Magazines and camera backs

Magazines for the Rolleiflex 6006: 6 x 6 (2¼ x 2¼)/120, 6 x 6/220, 4.5 x 6 (1⅝ x 2¼)/ 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 insert. The built-in flexible blind guarantees swift and safe magazine changing without losing any pictures. Masks for the focusing screen and image window are supplied with the 4.5 x 6 magazine.
Art. Nos.
760 070 6 x 6/120
760 071 6 x 6/220
760 072 4.5 x 6/120
760 073 4.5 x 6/220

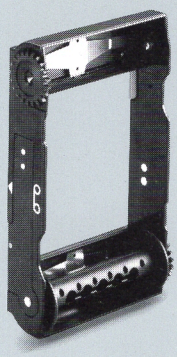
Motorized 70 mm magazine for the Rolleiflex 6006
Bulk film magazine for perforated 70 mm film. The film is available as bullk stock and is loaded in cartridges (up to 5 m length). Between 60 and 70 shots may be taken, depending upon the type of film. This magazine is fitted with a separate motor for 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.
(Art. No. 760 077)

Camera backs for the Rolleiflex 6002: 6 x 6 (2¼ x 2¼)/120, 6 x 6/220, 4.5 x 6 (1⅝ x 2¼)/ 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 4.5 x 6 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.
Art. Nos.
760 030 6 x 6/120
760 031 6 x 6/220
760 032 4.5 x 6/120
760 033 4.5 x 6/220

Polaroid magazine with darkslide
For 8 6 x 6 (2¼ x 2¼) photographs on Polaroid 8.3 x 10.8 cm, (3¼ x 4¼) 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).
(Art. No. 760 090)



Film insert
For external pre-loading, in a plastic holder. Holders available separately.
For fast film change. Holds 120 or 220 film.
(Art. No. 760 075)



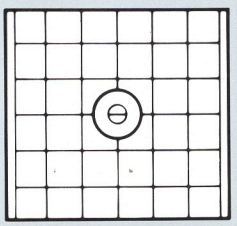
Focusing screens and viewfinder attachments

Prism viewfinder with 45° eyepiece, prism viewfinder with 90° eyepiece, interchangeable with the standard folding viewfinder hood. The prism finder gives an upright, right-reading finder image. It rotates horizontally in 90° increments; thus offering convenient viewing even in awkward camera positions.

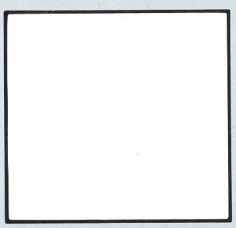
(Art. No. 760095)

(Art. No. 760096)

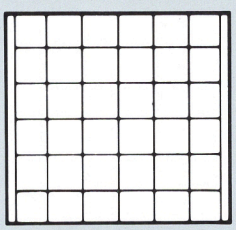
Magnifying viewfinder hood
Rigid model, with vertical viewing, eyepiece with 2.5 times magnification and dioptre correction (+0.6 to –2.1 dioptre), detachable flexible eye-cup. Increases contrast in the finder image, particularly useful for close-up and macrophotography.
(Art. No. 760077)



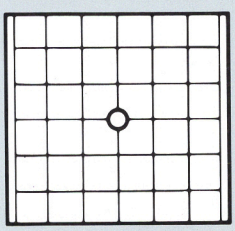
Bright matt screen with central wedge and microprism ring
Universal screen with rangefinder wedge, microprism ring and matt screen. Rangefinder wedge for precise focusing using vertical lines; microprism ring for focusing to a 'glitter-free image'; matt screen with fresnel structure for judging focus over the whole image area.
(Art. No. 560180)



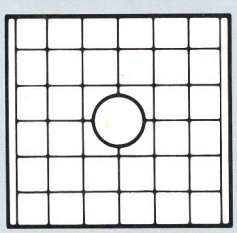
Plain ground glass screen
Glass focusing screen with fine matt surface for extremely precise adjustment, especially in macrophotography, under all aperture conditions and with more powerful lenses. Particularly useful in picture composition, when focusing aids can get in the way.
(Art. No. 560030)



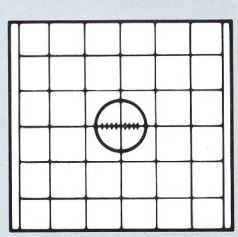
Bright matt screen
Focusing screen with microfine structure for evaluation of sharpness over the whole image area, hence allowing unhindered subject composition. May be used also for lenses with very small effective aperture and for monitoring depth of focus.
(Art. No. 560040)



Bright focusing screen with split-image wedge
Universal screen for the most demanding focus requirements, with rangefinder wedge and matt screen. Rangefinder wedge for the most precise focusing using vertical lines, e.g. in architectural photography.
(Art. No. 560050)



Bright matt screen with micro-prism spot
Universal focusing screen for rapid photography, with microprism ring and matt screen. Allows trouble-free focusing even in poor light conditions. Focusing criterion: 'glitter-free image'.
(Art. No. 560060)

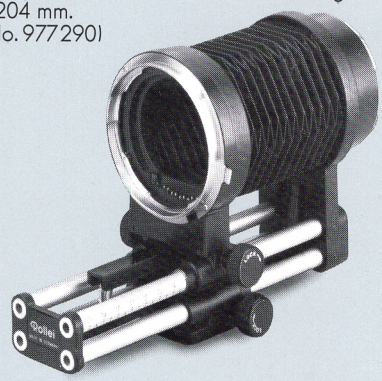


Bright matt screen with clear spot
Special screen for macrophotography and photomicrography with magnification greater than 1:1, with clear-view spot, measuring scale and matt screen.
The clear-view spot allows parallax-free focusing of aerial images at extremely small apertures, e.g. through a microscope.
Measuring scale for determining the magnification.
(Art. No. 560100)

Close-up accessories

Extension tubes
9, 17, 34 or 68 mm long, retaining all the automatic functions; can be used alone or in combinations, or together with bellows and retro-adapter. Rollei bayonet at both ends.
Art. Nos.
740021/
9 mm
740022/
17 mm
740023/
34 mm
740024/
68 mm

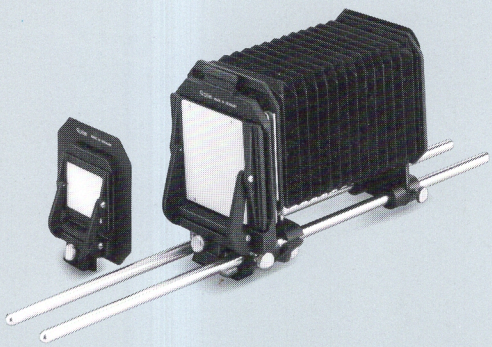
Bellows unit with focusing rack
With rack-and-pinion drive and clamping screw, extension scale, 1/4" and 3/8" tripod bush. All automatic functions are retained. Rollei bayonet at both ends. Extension range 67 to 204 mm.
(Art. No. 977290)



Retro-adapter
The retro-adapter extends the range of application of the Rolleiflex 6006 and 6002 in the close-up field. With this adapter, lenses of 50 mm to 120 mm focal length can be successfully reverse-mounted, while retaining all automatic functions. It is advantageous to use the retro-adapter with the bellows. In this way, for example, magnifications of 1.8:1 to 3.5:1 can be obtained with the Planar f2.8/80 mm in reverse mounting.
(Art. No. 740028)

Compendium
The compendium mainly provides effective shielding from intrusive side-light or back-light and has the form of an extendable bellows. The extension scale is provided with indications for focal lengths 80 mm and 120-250 mm. Masks for focal lengths of 120 and 250 mm are supplied. Filter foils of size 75 x 75 mm can be inserted in the rear socket.
Filter foil holder for 75 x 75 mm pieces cut from filter foil.
(Art. No. 974550)

Slide copying equipment 6 x 6 (2¼ x 2¼)/ 35 mm
For direct copying of slides from originals, consisting of a lens fitting ring, copier attachment for 6 x 6 or 35 mm, fine focusing drive and SL 66 bellows extension. In addition, the bellows unit for the Rolleiflex 6006 or 6002 is required.
(Art. Nos. 209410, 977050, 977020, 977000)



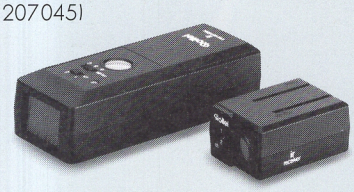
Special release equipment

MRC 120 electrical hand release
Connected via the camera's universal socket, allows initiation of single or multiple exposures and also mirror pre-release/lock-up.
(Art. No. 208 942)

RC 120 electrical remote release
40 cm release cable with controller for remote release and mirror pre-release, also available in 5 m and 10 m lengths.
(Art. Nos.
208 985,
208 969,
208 968)

FRC 1 foot-operated remote release
Electrical remote release for working with a microscope or reproduction stand, when both hands are required for operating the equipment.
(Art. No. 208 992)

IR remote control
The Rollei IR transmitter/receiver allows individual exposures or continuous operation from a distance of up to 60 m, or the operation of a second Rolleiflex synchronously with a manually operated first camera. Optical monitor signals tell the photographer when the transmitter and receiver are operating and when the shutter is open during time exposures. Applications range from candid snapshots to documentary photography of camera-shy or dangerous animals from a safe distance.
(Art. No. 207 045)

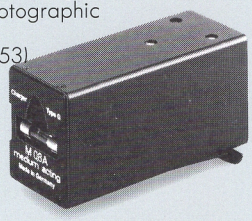


Timer
For sequential photography. It controls exposure intervals in the range from one second to 59 hours and 59 minutes, and can initiate between one and 999 exposures. The quartz-controlled intervals are maintained with extreme precision; with a maximum deviation of 1/200 000 seconds; meeting the most exacting scientific requirements.
(Art. No. 207 041)

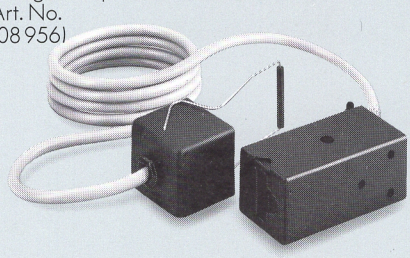
ME 1 multiple-exposure control unit
Allows remote initiation of multiple exposures with stroboscopic effect: up to ten in series, at intervals of 0.1 to 1.5 seconds. Opens up new and interesting areas of application and allows an abundance of unusual constructive opportunities: phase photographs of technical processes, analysis of movement in children, in sport, of animals, machinery operating in various positions, special effect photographs using multiple exposure, etc.
(Art. No. 208 988)

Power supply

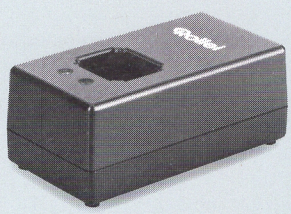
Spare NiCd power pack
Quick-change unit, e.g. for use in long photo-sessions or photographic sequences.
(Art. No. 208 953)



External battery connector
Separates the power pack from the camera, allowing a reliable power supply to be maintained even in severe cold by carrying close to the body. Consists of extension lead with connectors for the power pack and its storage compartment in the camera.
(Art. No.
208 956)



Rapid-charger (standard with the Rolleiflex 6006)
100/240 V, 50/60 Hz with automatic rapid charge cut-off. Monitor signals for rapid and normal charging. Rapid charging time about 1 hour, normal charging time about 14 hours. 12 V connector for car battery. Plug-in mains lead.
(Art. No.
740 030)

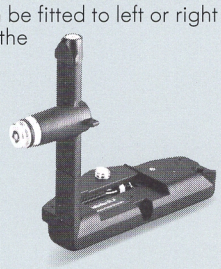


Car battery connection lead
For operating the charger from a 12 V car battery, with plug for cigarette lighter socket (12 hour charge cycle).
(Art. No. 208 955)

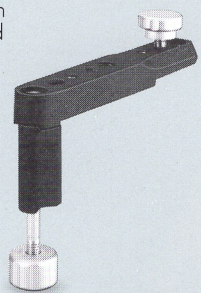
Firmly in your grasp in any situation

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.
(Art. No. 208 945)

Extension unit for side-mounting
With base plate and side bracket. With this the pistol grip can be fitted to left or right of the camera, or to the tripod, using the quick coupling.
(Art. No. 208 946)



Extension unit for automatic flash
Specially designed for Metz automatic flash units (Meca-Blitz 45 CT 4, CT 5 and CT 2) in conjunction with the pistol grip and the side-mounting extension.
(Art. 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.
(Art. No. 208 950)

Quick tripod coupling
For rapid mounting of the camera on the tripod. The coupling shoe can remain permanently on the tripod.
(Art. 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.
(Art. 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.
(Art. No. 207 066)

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 (–2EV). As a result of the sophisticated optical system, the performance of the original lens is practically unaltered.
(Art. No. 979 225)

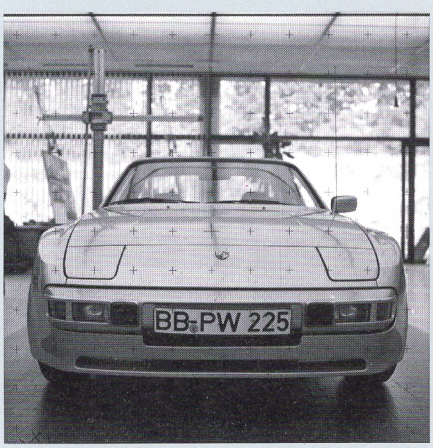
Aquamarin WKD – SLX
Compact professional underwater housing, built in two sections with quick release fastenings. The removable front window unit enables any lens to be used, up to a focal length of 250 mm. All functions are transmitted and can be read from the outside on scales which can be changed 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.

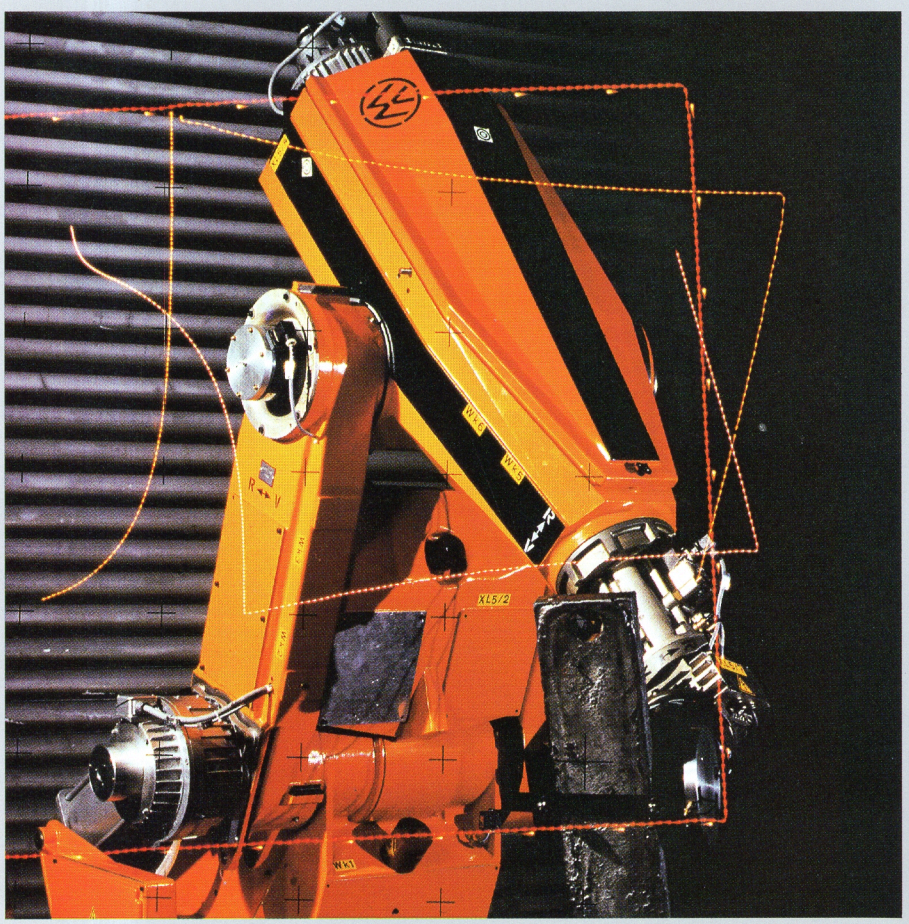
Lens hoods, filters and cases complete the Rolleiflex 6006/6002 system. An adapter is available to use Rollei Bayonet VI filters on lenses with 67 mm ∅ thread. Most of the accessories can be used with the Rolleiflex SLX as well.

Rolleiflex 6006
Rolleiflex 6002

Rolleiflex – exemplary leadership through practical know-how

The unique technology of the Rolleiflex 6006 and 6002 for exposure and shutter control, internal flash metering and built-in motorized transport opens up areas of application that range across the whole field of creative photography. For many tasks in science and technology Rollei offers special equipment that makes rapid and effective documentation and evaluation possible. Below are a few examples from the varied spectrum of applications.
In aerial photography, photographs were taken from a mini-helicopter that was guided from the ground, by means of video monitoring equipment, to exactly the right place over the object to be photographed. Rolleiflex surveying cameras are used to document the movement patterns of industrial robots using light-tracer techniques (motography or chronocyclography). In this way precise path measurement is possible using modern photogrammetric methods. This new photographic technique with surveying cameras, combined with analytical evaluation of the photographs, is already finding numerous applications in the measurement of bodywork in the motor industry as well as for measuring purposes in medicine, sport, architecture, archaeology and criminal science. This technique can be used for three-dimensional recording, even of moving objects, by precise simultaneous release (within milliseconds) of two or more cameras.





Rolleiflex 6006
Rolleiflex 6002

The leading medium-format camera system

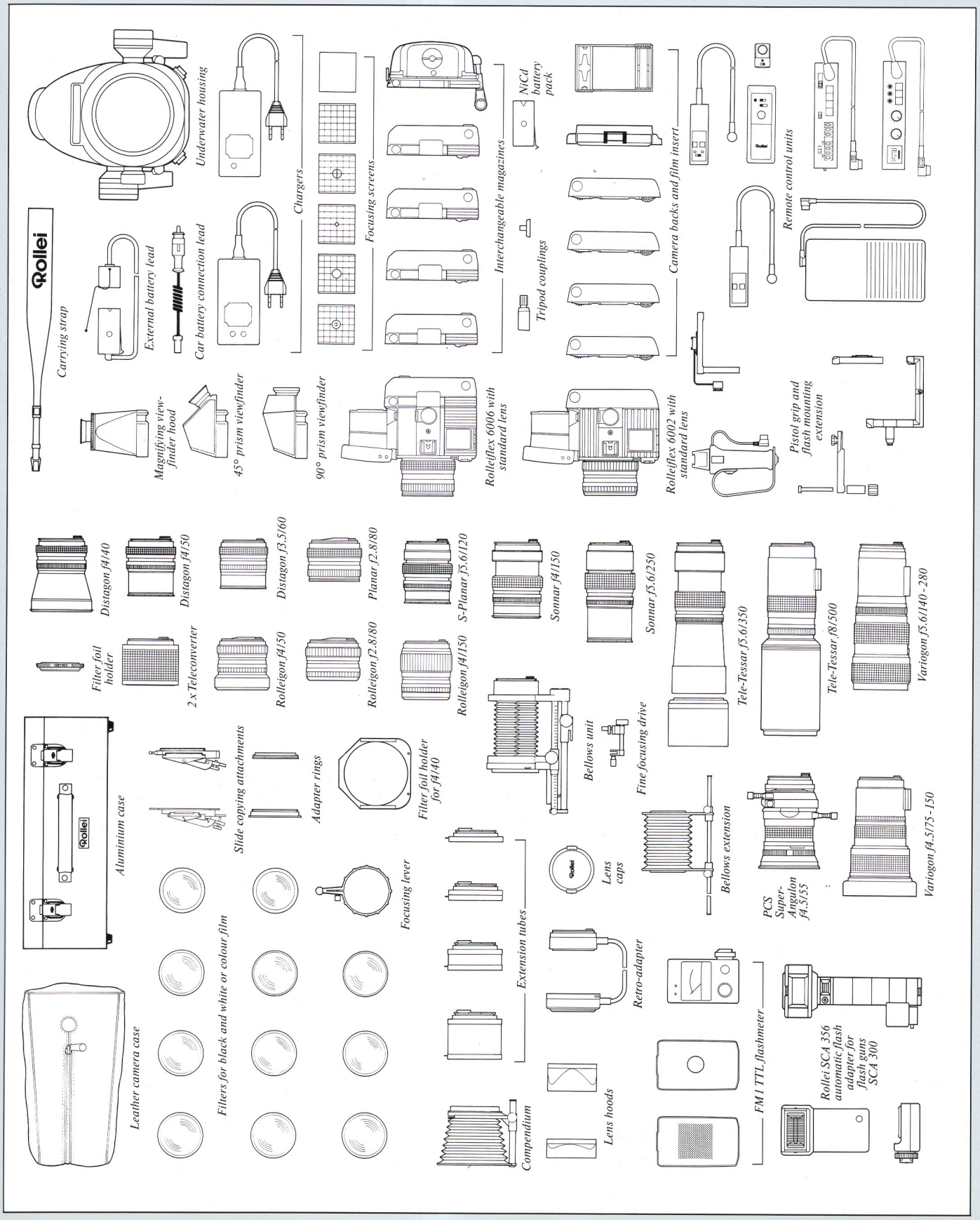
Rolleiflex 6006
Rolleiflex 6002

Technical data

	Rolleiflex 6006	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 6x6 (2¼x2¼) and 4.5x6 cm (1⅝x2¼)	●	●
Film types 120 or 220, for 12 or 24 exposures 6x6 cm (2¼x2¼) or for 16 or 32 exposures 4.5x6 cm (1⅝x2¼), Polaroid pack film for 8 exposures 6x6 cm (2¼x2¼)	●	●
Use of perforated 70 mm film with type 70 magazine	●	
Film speeds from 15 to 39 DIN/25 to 6400 ASA, 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/m² using 21 DIN/100 ASA 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 Rolleigon 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 (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 6x6 (2¼x2¼)/120, 6x6/220, 4.5x6 (1⅝x2¼)/120, 4.5x6/220 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 6x6 (2¼x2¼), type 70 magazine for 60-70 exposures	●	
Camera backs for 6x6 (2¼x2¼)/120, 6x6/220, 4.5x6 (1⅝x2¼)/120, 4.5x6/220 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 6x6 (2¼x2¼)		●
14-pole universal socket for multiple-exposure unit, timer, hand release, foot-operated remote release, infra-red remote control; quick tripod coupling, ¼" and ⅜" tripod bush	●	●
Dimensions without lens Dimensions with standard f2.8/80 mm lens 6006: 127x112x138 mm / 171x112x138 mm 6002: 108x112x138 mm / 154x112x138 mm	5x4.4x5.4 in 6.7x4.4x5.4 in	4.2x4.4x5.4 in 6x4.4x5.4 in
Weight without lens Weight with standard f2.8/80 mm lens	1450 g/510 oz 2040 g/720 oz	1230 g/430 oz 1800 g/630 oz

Technical details may be changed without notice ● = supplied as standard ○ = available as an accessory

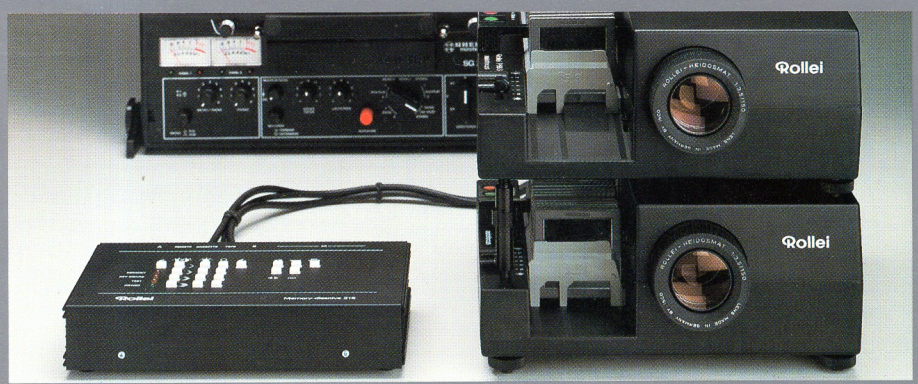
The Rolleiflex 6006/6002 system



Rollei P 66 S. The professional. For professionals

As a company with a long and successful tradition in the advanced technology of medium-format cameras, Rollei obviously also offers a top-quality professional medium-format projector: the Rollei P 66 S. The ideal complement to the Rolleiflex 6006/6002 camera system. With its solid matt-black metal housing and its robust precise engineering. 'Made in Germany', it not only brings to life the quality of your slides, but enables you to present perfect slide-shows. Interchangeable lenses of 110 to 400 mm focal length, autofocus,

24 V/250 W halogen lamp, infinitely variable lamp brightness, heat-shield filter, remote control, timer, socket for infra-red remote control. Perfect dissolve projection using two Rollei P 66 S projectors in conjunction with the Rollei



MD 216 dissolve control unit. Rollei Fototechnic GmbH has set itself the task of producing first-class photographic equipment for professional photographers and dedicated amateurs. We make high-performance cameras from 35 mm to medium format, with a range of special quality lenses and accessories and exceptionally well-engineered slide projectors.

Rollei
fototechnic

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