Rollei

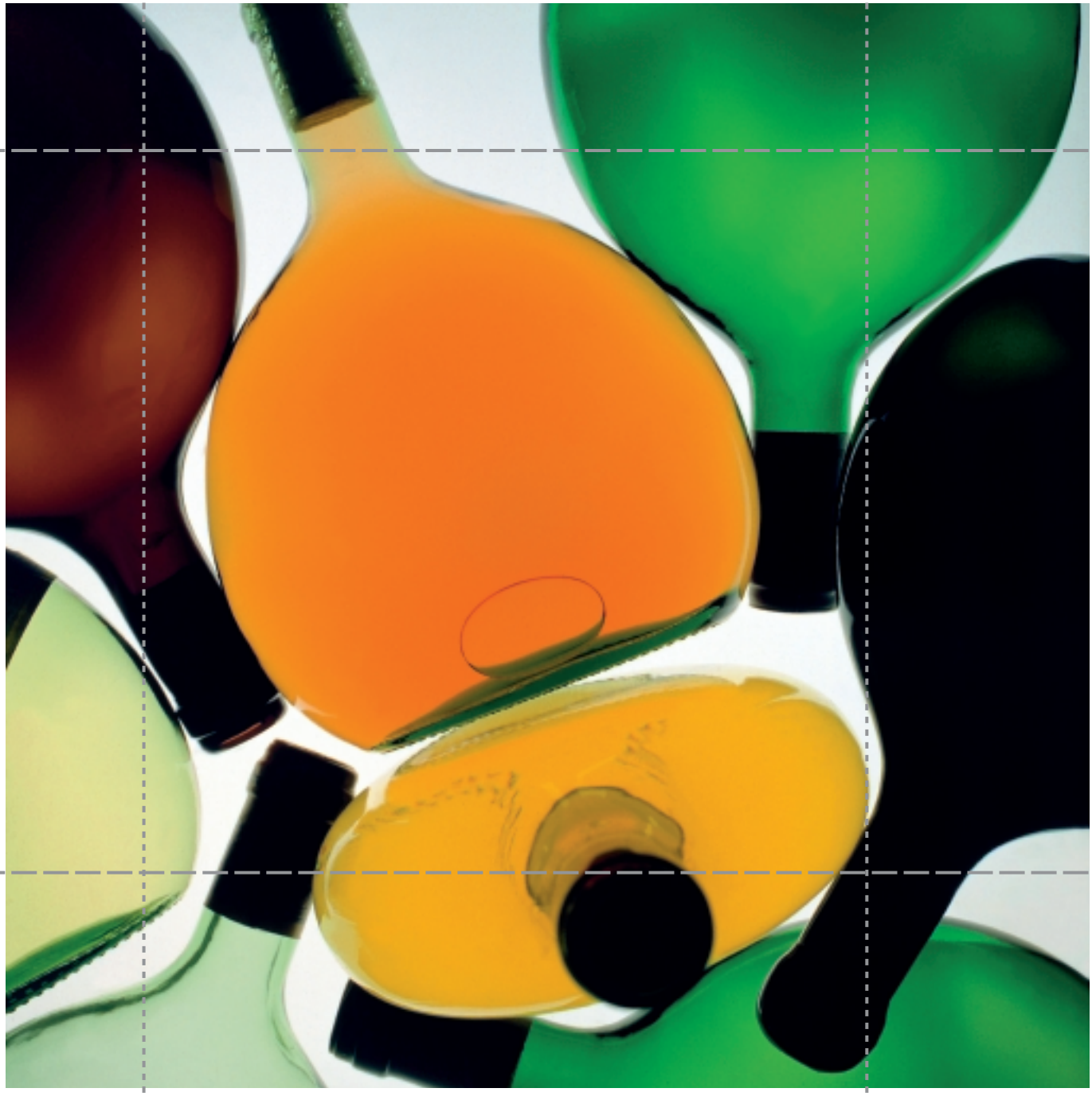
Made in Germany

Rolleiflex 6008 AF
Rolleiflex 6008 integral2

Outstanding comfort for working in 6 x 6 medium format

The Fascination of the Professional 6 x 6 cm Medium Format

Whenever outstanding image quality and precise composition are the order of the day, professional photographers and discriminating amateurs everywhere have but one first choice: the 6 x 6 cm format. Like no other picture size, it offers maximum flexibility and creative leeway, from the actual shot right to the final print. And this applies equally to work in the studio and on location. The square format makes it unnecessary to change between vertical and horizontal orientation, and the viewfinder always shows a large, bright and upright image that is easy to view, be it with a collapsible finder hood, a magnifying hood or one of the prism finders. Its "creative margin" moreover allows the 6 x 6 cm photographer to decide later whether vertical or horizontal format would be preferable, to crop the image as desired and to sectionally enlarge even small detail – even from high-speed film. Not to mention the outstanding image quality of large-screen projection.



More Room for Good Ideas

6 x 6 – the format for more creative leeway

- First of all, because of the larger image area. Comparing a 6 x 6 cm image with a 35mm slide, you will immediately notice that an area four times as big does offer a much wider creative margin.

- But also because the square is extremely versatile. It may be used full-size, as in the case of slide projection, but it is also ideal for subsequent editing because it lends itself to both horizontal and vertical cropping.

- In other words, 6 x 6 doesn't fence you in. Even holding the camera for the shot is the same every time. Neither will a change in posture distract your attention, nor will you be forced to assume an unnatural stance. You'll concentrate on only one thing: your subject.

- With a 6 x 6 camera, of course, there is no need to press your eye against the viewfinder – just in case you might miss some important detail in the frame. On the large, bright focusing screen you can see your subject with both eyes. You feel like you are part of the scene and can put your imagination to work. You will see the "final picture" even before you press the shutter release. And that makes for better planning, improved control and greater creativity.

- Of course, you will also see the effect of the large 6 x 6 cm image in the final result. Detail resolution is superb – and you'll notice it in subsequent scans and enlargements. This alone makes extreme enlargements – above all from high-speed film – feasible.

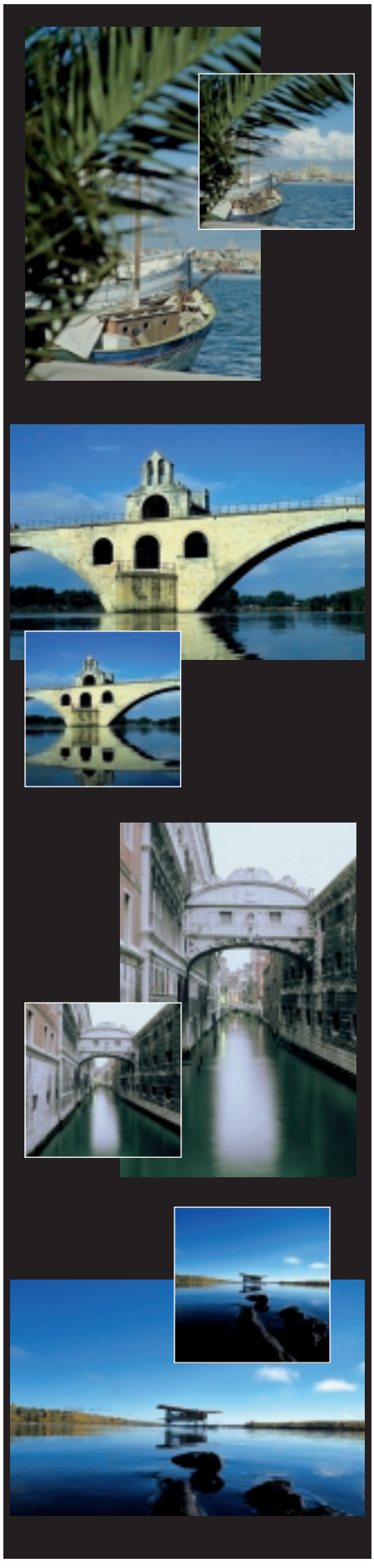
- All that, finally, explains the breathtaking impact of 6 x 6 slide projection. Add to this the fact that the screen image is always "full size", thus captivating the audience's attention even better.

Rollei – Seven decades' experience in medium-format photography

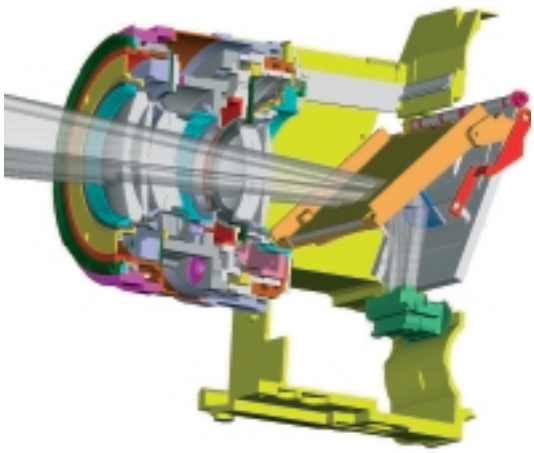
Like no other company in the world, Rollei has left its imprint on medium-format photography. For decades, the legendary twin-lens Rolleiflex cameras were the most popular tools of professional photographers everywhere in the world. But discriminating amateurs were just as eager to embrace the twin-lens reflexes for their convincing versatility and reliability. In modern medium-format photography, Rollei again holds a leading position with its Rolleiflex 6000 System.

The pioneering technology, the features and the operating comfort of this system have been tailored entirely to suit the needs of the professional photographer. Whether in the studio or on location, with conventional film or digital image capture – the Rolleiflex 6000 System is equipped to handle any assignment.
It is a camera system combining ample Rollei know-how with advanced technology, precise mechanics and outstanding optics.

Photo on page 2: Rolf Nachbar
Photos on page 3: Fotocentrum Zimmermann



Rolleiflex 6008 AF
The fascinating world of medium format



Position of the AF module

Whether they are working in the studio or out on location, photographers need to be able to concentrate on composing their picture in the sure knowledge that they will achieve superb picture quality while enjoying the advantages of a pioneering 6 x 6 medium-format system. Owners of a Rolleiflex 6008 AF can do just that. It is the world's first autofocus single-lens reflex camera for the 6 x 6 medium format and can, if desired, perform all the key functions of focusing, exposure setting, film transport and flash switch-on fully automatically. Because it is so comfortable to use, the photographer can work fast and enjoy unlimited creative scope, free to concentrate entirely on realising his or her personal ideas.
Needless to say, all the settings can also be made manually to enable the photographer to adjust to special situations or create special effects.

As Rollei's top-of-the-range medium-format model, the Rolleiflex 6008 AF is fully integrated into the proven 6000 system.
This means that the AF camera system can be used with all the existing lenses (including accessories) by means of the focus indicator – even the SLX lenses from 1976.
Rollei has consistently retained the system concept so that all photographers who already work with the 6000 system can benefit from every new development.

Ausgezeichnet bei der FOTOHEFT Leserwahl 2002

foto MAGAZIN SEHR GUT

Rollei 6008 AF:
Convincing technology and features

The state-of-the-art technology and the practical features of the Rolleiflex 6008 AF give the photographer the comforting feeling that he or she can master even the most difficult situations with maximum operating ease and 100 % reliability.
Over many decades, the comprehensive range of lenses and accessories in the Rollei 6000 system has been consistently adapted to satisfy the mounting demands of professional photographers, and can thus be regarded as a safe investment for the future.
Three new AF lenses have been developed specifically for the autofocus modes of the Rolleiflex 6008 AF. They combine to perfection the high level of comfort obtained with automatic focusing and absolutely exceptional performance.

- Schneider-Kreuznach
  80 mm AF Xenotar f/2.8 HFT
- Schneider-Kreuznach
  180 mm AF Tele-Xenar f/2.8 HFT
- Schneider-Kreuznach
  60 – 140 mm AF Variogon f/4.6 HFT

In conjunction with the 1.4x AF-Longar teleconverter specially designed for Schneider lenses, additional focal lengths of 112 mm, 252 mm and 84 – 196 mm can be obtained. In each case, the shortest focusing distance will remain unchanged, only the effective speed of the basic lens being reduced by one f-stop.

Other AF lenses are being developed.

In addition, more than 20 top PQ and PQS lenses from Carl Zeiss and Schneider-Kreuznach for the 6000 system can be used on the Rolleiflex 6008 AF.

Photo: Oleg Karataev

Image sharpness under control – Fast, high-precision AF system with many different functions

Photo: Studio Kollmorgen

Action on location

The fast autofocus system integrated in the Rolleiflex 6008 AF sets new standards in 6 x 6 medium-format photography. With its high focusing precision, it automatically ensures optimum image sharpness in all areas of photography, whether it be photo-journalism, portrait or fashion photography, landscapes or still lifes. By means of the AF selector button on the camera housing, all the autofocus modes can be selected or, if desired, the camera can be switched to manual focusing. True professional autofocus comfort for the demanding photographer.

AF mode switch

Microprocessor-controlled AF system with three sensors in H-form

In autofocus mode, the system is activated by slightly depressing the release button.

The subject is metered by the three sensors arranged in the form of an H. All the image data needed for focusing are evaluated in fractions of a second, controlled by the microprocessor. The data are then exchanged in no time at all between the camera and the lens via the electronic interface. Each of the Rollei AF lenses has its own high-speed, precision-working ironless DC motor. A focus index in the illuminated LC finder display of the Rolleiflex 6008 AF indicates that the focusing process has been completed.

Practical AF modes

The various AF modes of the Rolleiflex 6008 AF make it possible for the photographer to adjust perfectly to the relevant shooting situation.

"sing" (focus priority)

In this mode, the shutter cannot be triggered until the camera is correctly focused and the focus index lights up in the finder.

This provides the photographer with maximum certainty of getting a sharp, perfectly focused picture. With the release button partially depressed and the focusing completed, the picture can be reframed at any time without the need to refocus (AF lock).

"cont" (release priority)

The ideal AF mode for moving subjects because the focusing is continuously recalculated. With this AF mode, the camera's release button is free to be triggered at any time. In this way, the photographer has complete control of exactly when he takes his shot.

"man" (manual focusing)

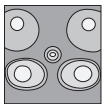
For special situations in which the photographer prefers to focus by hand, the automatic focusing (of the AF system) can be switched off.

Rolleiflex 6008 AF · Rolleiflex 6008 integral2
Scope for more creativity with full range of outstanding features

The **TTL exposure metering** system in the Rolleiflex 6008 AF and 6008 integral2 is oriented to the stringent demands of professional photographers and ambitious amateur enthusiasts and leaves absolutely nothing to be desired as far as its possibilities and handling are concerned.

Centre-weighted multi-zone metering

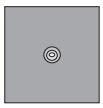
The practically oriented weighting of five metering areas ensures correct readings even in critical lighting



conditions. The lower two thirds of the frame – where the main subject is usually located – is given greater weight than the peripheral areas and the top third. This reliable and comfortable technique of multi-zone metering has rightfully become the standard metering mode for the great majority of subjects. And it is the only technique that offers the speed one would expect from automatic exposure control.

Spot metering

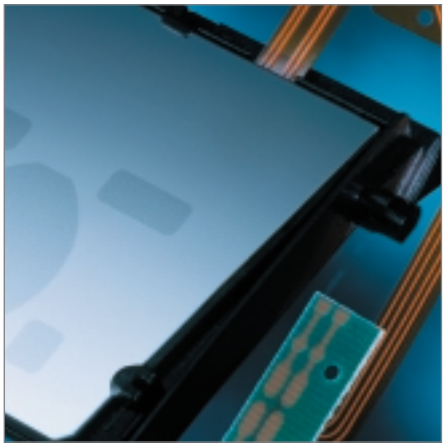
Here, at normal focal length, the acceptance angle is only 3°, equivalent to just 1% of the frame area. This



allows pinpoint metering of important subject details, which can be a very helpful technique in extremely difficult lighting conditions such as strong back-lighting of subjects against a bright or dark background. The metering area coincides with a circle of the split-image range finder on the screen and is thus clearly defined. With off-centre subjects, all that needs to be done is to press the AE lock, recompose and press the shutter release.

Multi-spot metering

Whereas, in the centre-weighted multi-zone mode, the metering areas are fixed, and, in the spot mode, only a single reading is made, the multi-spot mode allows very fast checks on subject contrast. It is logical and easy to use. The exposure is matched precisely to the subject contrast on the basis of up to five selected spot readings. These are converted by the camera computer into an average for correct exposure and the result is displayed in the viewfinder. Using this method, it is easy to expose for the exposure latitude of the film or to achieve special effects. Finally, the resultant multi-spot measurement can also be stored via the AE lock button.



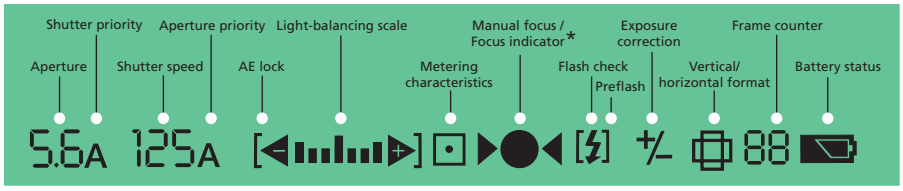
The metering cells are arranged behind the partly transparent mirror

Perfect control at a glance

The newly developed illuminated LC control centre in the finder provides the photographer at all times with all the information he or she needs about the relevant exposure and camera data. When using the 4.5 x 6 format, vertical/horizontal format and the frame number are also displayed. The display can be switched off if desired.

Photo: O. Karataev

LCD



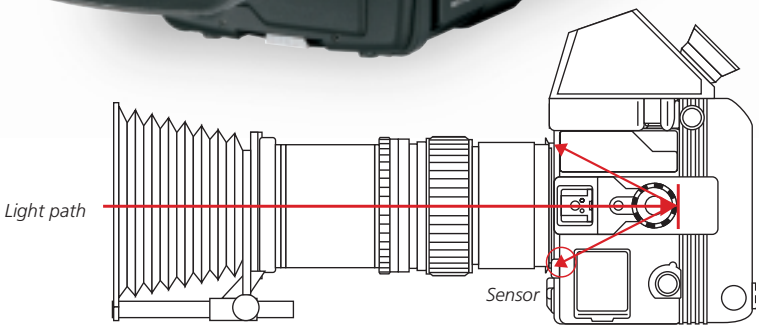
* Only Rolleiflex 6008 AF

Rolleiflex 6008 AF · Rolleiflex 6008 integral2
Intelligent TTL flash technology included

1

2

Rolleiflex 6008 AF with SCA-3562 adapter and Metz dedicated flash unit.



With a multitude of practical functions and improved operating comfort, the new TTL flash-control system of the Rolleiflex 6008 AF and the 6008 Integral2 creates optimum conditions for perfectly exposed flash pictures. In combination with system flash units from Metz and the new SCA 3562 flash adapter, the TTL sensor integrated in the camera measures the amount of flash light reaching the film – parallax-free and at the precise viewing angle. All the available shutter speeds up to $^{1}/_{500}$ or $^{1}/_{1000}$ s are flash-synchronised. This is a considerable advantage when working in daylight and or for filling in shadows and strong subject contrasts.

A particularly attractive feature of these Rolleiflex cameras is additive flash exposure that is activated in conjunction with dedicated SCA flash units and the camera's autoflash system, ensuring even more balanced daylight flash pictures.

With an SCA-3562 flash adapter, the following data can be exchanged between camera and dedicated flash unit:

- The focal length of AF lenses for reflector control.
- The lens aperture and film speed for autosensor flash mode of flash unit.
- Reading of flash exposure compensation with suitable flash units.
- Control of AF preflash (only 6008 AF).

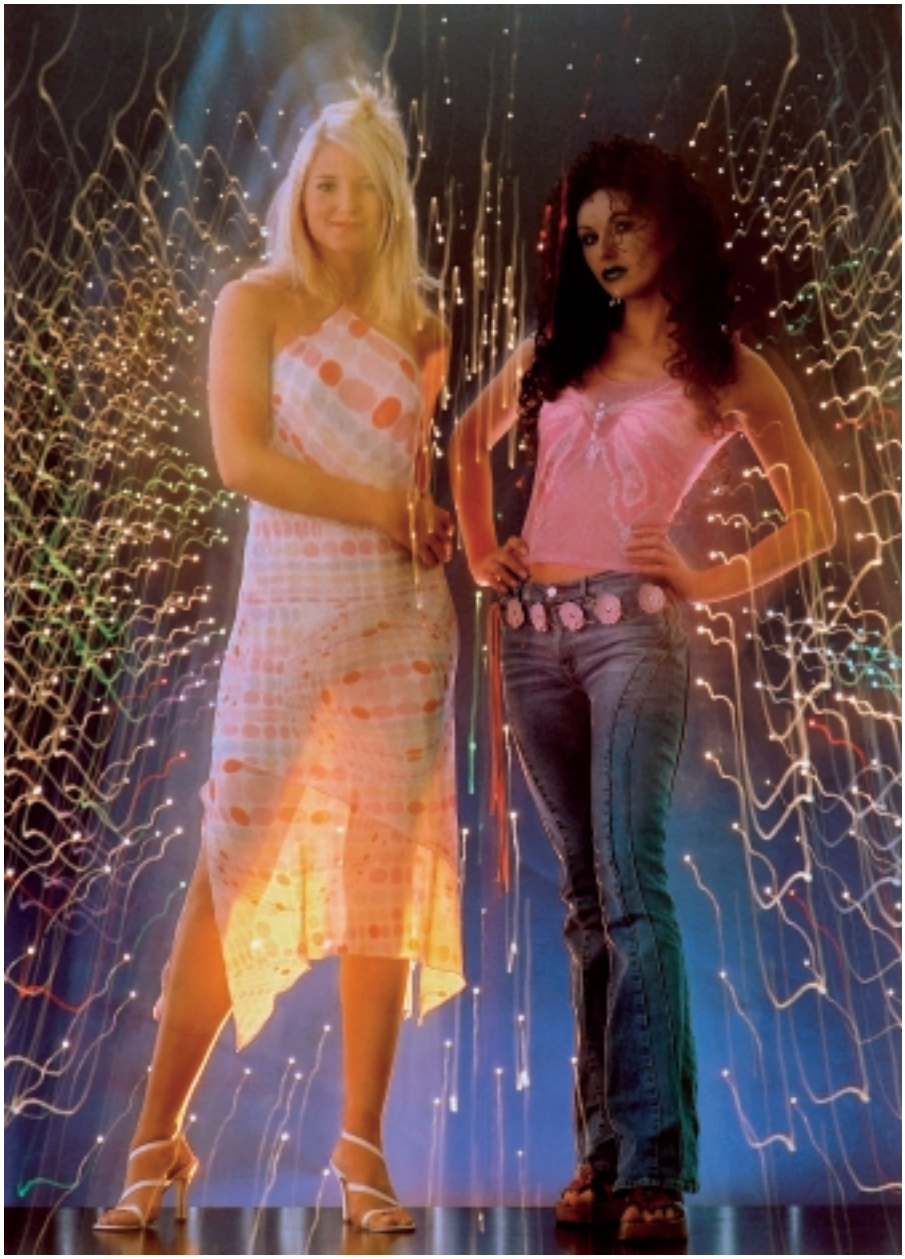
In conjunction with a dedicated SCA-3562 adapter, the camera offers the following flash modes:

- Programmed AE autoflash
- Shutter-priority AE autoflash
- Aperture-priority AE autoflash
- Automatic fill flash (compensating and additive)
- Flash bracketing

3

1 *Time exposure with TTL flash and moving camera*
2 *Normal TTL flash picture*
3 *Time exposure with TTL flash*

Photos: 1 – 3 Florian Adler



Profi-Workshop pk 02

Photographer: Gerhard Vormwald
Camera: Rolleiflex 6008 integral
Lens: Variogon 140 – 280 mm f/5.6
Lighting: Broncolor Hazylight on models, bottom spot for contours. The perforated background carton was illuminated from behind by two soft boxes.
Details: Leading flash synchronization. Exposure 1/2 second, camera slightly moved during exposure, lens zoomed.

TTL flash light metering in the photo studio
Studio photographers do not need to dispense with the accustomed comfort of TTL flash metering when working indoors. The camera takes an advance reading without mirror pre-lock and without a metering back to check the flash output and, where necessary, adjust the aperture.

Where flash units are used that are not normally equipped for the TTL technique, the camera features a special mode that enables the metering and exposure adjustment to be undertaken through the lens. Apart from this, the flash discharge time can be placed at the beginning or end of the shutter-open time to achieve special effects.

The advanced TTL flash metering technique naturally takes into account all multiplying factors for filters, extension tubes or bellows units during the metering process. The LC display in the viewfinder helps keep track of the different flash modes.

Comfortable flashlight metering

Photo: Studio Kollmorgen

Professional power supply

Professional power supply

It is the same size as the NiCad battery and is inserted in its place into the battery compartment of the Rolleiflex 6008. All kinds of different power sources can now be connected to it, significantly extending the possibilities for using the camera.

These include the standard charger, the Rollei 12V plug-in mains unit, the Rollei battery box for lithium batteries, the mobile power station from Einhell or a car cigarette lighter.

The power interface needs 12 – 18V DC with at least 800 mA.

Power supply for professional needs
The power supply of the Rolleiflex 6008 AF and 6008 integral2 has been tailored to the needs of its users. The camera's electronics and motors are powered by a rechargeable high-capacity sintered-plate NiCad battery. It is a professional solution for a very high shooting capacity, ease of handling and maximum reliability, even in the cold.

At normal room temperature, the special battery has enough power for around 200 shots. A warning lamp lights up in the camera finder when there is enough power left for about 20 exposures. If the power drops below a certain level, all the camera modes are switched off. Where a higher capacity is needed for bigger assignments, interchangeable batteries are an ideal way to solve the power problem.

Even under very cold conditions, the Rolleiflex 6008 keeps on working. Through the special extension lead, the battery can be kept close to the body or in a pocket. The camera comes with a rapid charger with an automatic charge stop. It can fully charge the battery outside the camera in an hour. It then switches automatically from rapid charge to trickle charge. If time is tight, the charging process can be interrupted after only 15 minutes, and this will provide enough power for about 50 shots.

If there is no plug nearby, the charger can also be powered from the car battery via the cigarette lighter using a 12V accessory cable.

The Rollei PowerInterface adds to the powers-supply options.

PowerInterface

Rapid charger with overcharge protection

Battery with spare fuse

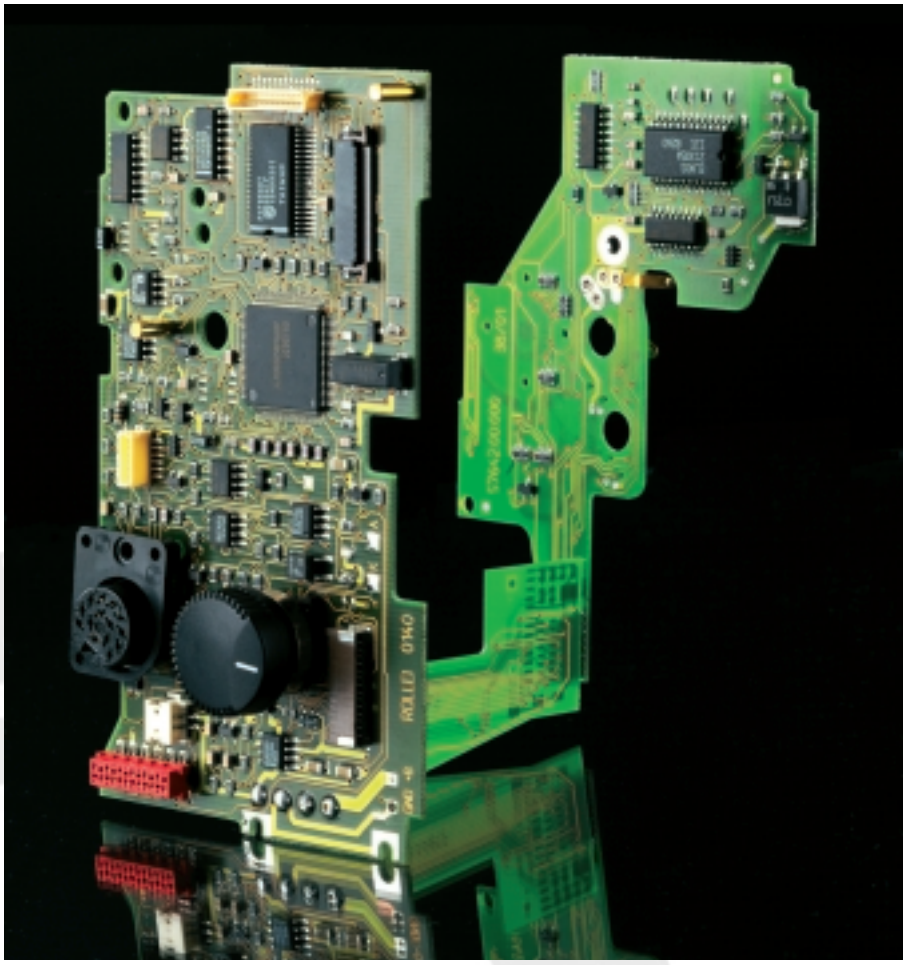
Charging device for cigarette lighter

Rolleiflex 6008 AF · Rolleiflex 6008 integral2
Versatile exposure control extends your options

At the end of the exposure reading we have a combination of shutter speed and aperture. The Rolleiflex 6008 AF and 6008 integral2 provide an optimum selection of programs for linking these two components together. Three automatic exposure modes are available for the purpose: Shutter-priority AE, aperture-priority AE and programmed AE as well as metered manual.
But there is more to this camera than reliable exposure modes alone. The perfect integration of controls and functional components provides a level of handling ease that is quite unique in medium-format system cameras.

Aperture priority AE
The impact of a picture often depends on the careful use of depth of field. While a small stop will give overall sharpness from near to far, a wide aperture isolates the main subject to make it sharp against a blurred background. In this mode, you set the aperture (in 1/3 increments!) on the aperture ring, and turn the shutter speed ring to "A" for automatic. The camera then automatically sets the correct exposure time.

Shutter speed priority AE
This is the right exposure program for moving objects. You can decide how you want to capture the subject's movement: Either razor-sharp with a short shutter speed (frozen) or intentionally blurred with a long shutter time to make the motion more obvious. You can choose a shutter speed from its wide range (also in 1/3 increments!). You then turn the aperture ring to "A" (for auto) and the camera's microprocessor will control the exposure by setting an appropriate f-stop.



The new electronics concept

Program AE
If you set both the aperture ring and the shutter speed dial to "A", you are in program AE mode.

The camera automatically selects a combination of speed and aperture to suit the lighting conditions. The program is able to keep the shutter speed at 1/125 s or faster (freely selectable with Rollei MasterWare) for shake-free hand-held exposures. It is the ideal exposure mode for fast shooting when there is no time for lengthy adjustments. The aperture and shutter speed are displayed in the finder so you have all the information immediately to hand.

Metered manual
You can, of course, take over and set the aperture and shutter speed exactly the way you want, whether for special effects (e.g. under or overexposure) or to cope with difficult lighting conditions. A row of LED dots in the finder tells you whether the exposure setting matches the meter reading and how far away you are from the "correct" setting.

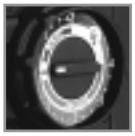
System flash interface and correction switch for flash fill-in

Photo: Klaus Harenberg

The wide range of exposure-control options gives full control over difficult lighting situations and delicate color balancing.

Exposure correction

Finally, there is the possibility of correcting the exposure by overriding the film speed input. This is a fast



way of over or underexposing by a specific amount. The scale has click stops in 1/3 intervals and ranges from +2 to -4 2/3 exposure values. It is also a convenient means of extending the film speed range to ISO 6/9° at the lower end and ISO 16,000/53° at the upper end.
A reminder symbol appears in the finder display when a correction has been set.

AE lock

With the Memo or AE lock button, the metered exposure data can be stored. This is particularly useful with

very high subject contrast, for spot readings followed by a change of frame and for recording individual readings during multi-spot metering. Because the exposure value has been stored, the aperture/shutter speed combination can be subsequently changed without any problem.

Automatic bracketing

There are some subjects for which it is difficult to judge the right exposure. In such cases, professionals

prefer to bracket their exposures. In the S± position of the master dial, the camera will automatically expose a series of three frames with metered exposure plus +2/3 and -2/3 EV or +1/3 and -1/3 EV.
In conjunction with the exposure correction or the MasterWare, the bracketing range can also be fixed differently to run, for example, only upwards from the correct exposure, as might by desirable when shooting against the light.

Multiple exposures

To superimpose several exposures on one frame, the camera merely needs to be set to "ME" (Multi Exposure). This disengages the film

advance so that several shots can be overlapped on one frame. Another possibility for multiple exposure is to electronically suppress the film transport with the reflex mirror remaining flipped up. Although it is not possible to consult the finder between the individual exposures, it has the advantage of a higher shooting frequency.

Rugged mirror drive with pneumatic mirror braking system

Motorised film transport saves time and increases effectiveness

▲1

▼2

1 – Autofocus – fast and reliable, Photos: Susesch Bayat
2 – Autobracketing mode, Photos: Studio Kollmorgen

The ideal combination of autofocus (6008 AF), TTL metering and motorised film transport makes the Rolleiflex 6008-models the fastest system cameras for 6 x 6 medium format. Instant readiness after every exposure and the option of continuous shooting with a remarkable two frames per second ensure high efficiency in routine professional use.

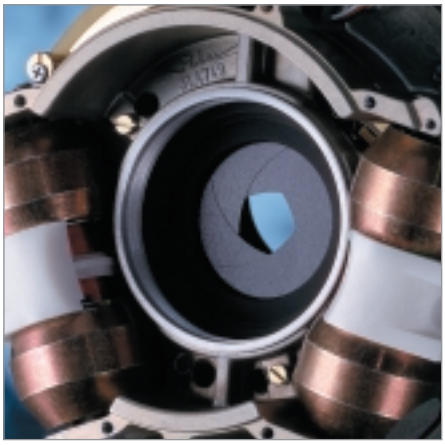
Between shots, the camera automatically checks – and, if necessary, corrects – the exposure. This guarantees that each and every picture of a series will be perfectly exposed even if the light should change suddenly.

But motorised film transport is just as important for single shots tp prevent the photographer's concentration from becoming distracted: There is no need to change the grip on the camera, no need to change position, so the frame stays as it was. The camera remains perfectly steady, and is ready to shoot again and again. This saves time and makes film change even faster and easier.

Once loaded, the film automatically winds on to frame 1, ready to shoot. And at the end of the roll it winds back again, also automatically, leaving the film insert ready for the next roll. The end of the film is displayed in the finder.

Mirror pre-lock

Modern direct drive system for shutter and aperture



Rolleiflex 6008 AF · Rolleiflex 6008 integral2
Top-class lenses and accessories

The 6000 System has been specially designed to suit the exacting requirements of professional users. The line of its high-performance lenses is equally versatile and tailored to a wide range of different applications.

Lenses with a worldwide reputation
Apart from the three newly designed autofocus lenses for the Rolleiflex 6008 AF, there are 26 more MF lenses to choose from, ranging from the super wide-angle 30 mm Zeiss F Distagon f/3.5 HFT PQ (180° diagonal angle of view) to the 1000 mm Zeiss Tele-Tessar f/8 HFT PQ (diagonal angle of view 4.5°). There are also many zoom lenses and special lenses available, such as the Schneider-Kreuznach 55 mm PCS Super-Angulon f/4.5 HFT PQ for horizontal and vertical shift.

The Rolleiflex 6000 system incorporates only top lenses from the two best-known medium format lens manufacturers, Carl Zeiss and Schneider-Kreuznach. All the lenses feature Rollei's special HFT coating (High Fidelity Transfer) for suppressing reflections and producing optimum colour brilliance.

The PQ (Professional Quality) and the PQS lenses with a fastest shutter speed of 1/1000 s work with Rollei's pace-setting direct drive technology, which is based on two linear motors inside each lens driving the diaphragm and shutter blades with maximum precision, supported by the camera's central computer. Power and control impulses are transmitted smoothly and without any wear and tear via ten gold-plated contacts.

All the high-performance lenses for the Rolleiflex 6000-system are flash-synchronised over the entire shutter speed range.
The lens overview on page 15 lists all the current interchangeable lenses in the 6000 system that can be used with the Rolleiflex 6008.
Even the SLX lenses from 1976 can still be used.

180mm AF-Tele-Xenar f/2.8 HFT

60 – 140mm AF-Variogon f/4.6 HFT

80mm AF-Xenotar f/2.8 HFT

AF-Longar 1,4x Teleconverter HFT

The comprehensive range of accessories for the Rolleiflex 6000 system covers the entire world of creative 6 x 6 medium-format photography. Owners of a Rolleiflex 6008 can make use of all the system components to enable them to cope with any problems that might arise in the studio, outdoors or in repro or macro/micro photography.

Interchangeable finder systems and focusing screens
Various finder systems, extending from a magnifying finder hood and prism finders with a 45° and 90° eye-level finder to interchangeable focusing screens, make it possible to adapt the camera perfectly to suit the particular shooting situation.
With the Rolleiflex 6008, photographers can also enter the fantastic world of macro and micro photography by using some of the many close-up accessories such as an extension tube, bellows unit or retro adapter.

For detailed information on lenses and accessories, please write for our Accessories Catalog for the Rolleiflex 6000 System.

Rollei MasterWare:
Control and configuration software for Windows

Lens overview – 6000 system

		Aperture range f/	Shutter speeds 30 s to	Angular field diagonal/ horizontal	Elements/ components	Focusing range m/ft	Max. diameter mm/inch	Max. length mm/inch	Weight g/oz	Filter size
F-Distagon 30mm f/3.5 (fisheye)	PQ	3.5 – 22	1/500	180/112°	8 / 7	∞ – 0.3 m ∞ – 0.984 ft	108 mm 4.252 in	122 mm 4.803 in	1550 g 54.675 oz	built-in M 24 x 0.5
Super-Angulon 40mm f/3.5 (with floating elements)	PQ	3.5 – 22	1/500	88/68°	8 / 8	∞ – 0.4 m ∞ – 1.312 ft	83.2 mm 3.276 in	72 mm 2.835 in	750 g 26.455 oz	M 77 x 0.75
Distagon 50mm f/4 (with floating elements)	PQ	4 – 32	1/500	75/57°	9 / 8	∞ – 0.5 m ∞ – 1.640 ft	82 mm 3.228 in	95 mm 3.740 in	880 g 31.041 oz	Rollei size VI bayonet
Distagon 50mm f/4	EL	4 – 32	1/500	75/57°	7 / 7	∞ – 0.5 m ∞ – 1.640 ft	81.5 mm 3.209 in	96 mm 3.780 in	840 g 29.630 oz	M 67 (inside) VI (outside)
AF-Super-Angulon 50mm f/2.8**	PQS	2.8 – 22	1/1000	74/56°	9 / 8	∞ – 0.6 m ∞ – 1.969 ft	104 mm 4.094 in	115 mm 4.528 in	1500 g 52.911 oz	M 95 x 1
Super-Angulon 50mm f/2.8	PQS	2.8 – 22	1/1000	74/56°	9 / 8	∞ – 0.6 m ∞ – 1.969 ft	104 mm 4.094 in	115 mm 4.528 in	1600 g 56.438 oz	M 95 x 1
Distagon 60mm f/3.5	PQ	3.5 – 22	1/500	67/49°	7 / 7	∞ – 0.6 m ∞ – 1.969 ft	81 mm 3.189 in	83 mm 3.268 in	770 g 27.161 oz	Rollei size VI bayonet
Planar 80mm f/2.8	PQS	2.8 – 22	1/1000	52/38°	7 / 5	∞ – 0.9 m ∞ – 2.953 ft	81.5 mm 3.209 in	63 mm 2.480 in	590 g 20.812 oz	Rollei size VI bayonet
Planar 80mm f/2.8	EL	2.8 – 22	1/500	52/38°	7 / 5	∞ – 0.9 m ∞ – 2.953 ft	81.5 mm 3.209 in	63 mm 2.480 in	590 g 20.812 oz	M 67 (inside) VI (outside)
Xenotar 80mm f/2	PQ	2 – 16	1/500	52/38°	7 / 5	∞ – 0.8 m ∞ – 2.625 ft	97.3 mm 3.831 in	100 mm 3.937 in	960 g 33.863 oz	Rollei size VI bayonet
AF-Xenotar 80mm f/2.8*	PQS	2.8 – 22	1/1000	52/38°	7 / 6	∞ – 1.0 m ∞ – 3,281 ft	84.5 mm 3.327 in	66.5 mm 2.618 in	520 g 18.342 oz	Rollei size VI bayonet
Apo-Symmar 90mm f/4 Makro	PQS	4 – 32	1/1000	47/34°	6 / 4	∞ – 0.4 m ∞ – 1.312 ft	104 mm 4.094 in	110 mm 4.331 in	860 g 30.336 oz	M 95 x 1
AF-Makro-Symmar 100mm f/3.5**	PQS	3.5 – 32	1/1000	43/32°	8 / 7	∞ – 0.45 m ∞ – 1.476 ft	82 mm 3.228 in	110 mm 4.331 in	900 g 31.747 oz	Rollei size bayonet VI
Planar 110mm f/2	PQ	2 – 16	1/500	39/28°	7 / 6	∞ – 0.8 m ∞ – 2.625 ft	104 mm 4.094 in	95 mm 3.740 in	1295 g 45.680	M 95 x 1(filter) bay. 104 (lens hood)
Makro-Planar 120mm f/4	PQS	4 – 32	1/1000	36/26°	6 / 4	∞ – 0.8 m ∞ – 2.625 ft	81.5 mm 3.209 in	102 mm 4.016 in	960 g 33.863 oz	Rollei size VI bayonet
Apo-Symmar 150mm f/4.6 Makro	PQ	4.6 – 32	1/500	29/21°	6 / 4	∞ – 1:1.1	81.5 mm 3.209 in	81.5 mm 3.209 in	706 g 24.903 oz	Rollei size VI bayonet
Sonnar 150mm f/4	PQS	4 – 32	1/1000	29/21°	5 / 3	∞ – 1.4 m ∞ – 4.593 ft	81.5 mm 3.209 in	102 mm 4.016 in	890 g 31.394 oz	Rollei size VI bayonet
Sonnar 150mm f/4	EL	4 – 32	1/500	29/21°	5 / 3	∞ – 1.4 m ∞ – 4.593 ft	81.5 mm 3.209 in	102 mm 4.016 in	890 g 31.394 oz	M 67 (inside) VI (outside)
Tele-Xenar 180mm f/2.8	PQ	2.8 – 22	1/500	26/18°	6 / 6	∞ – 1.8 m ∞ – 5.906 ft	100 mm 3.937 in	150 mm 5.906 in	1525 g 53.793 oz	M 95 x 1 (filter) bay. 104 (lens hood)
AF-Tele-Xenar 180mm f/2.8*	PQ	2.8 – 22	1/500	26/18°	7 / 7	∞ – 1.8 m ∞ – 5.906 ft	100 mm 3.937 in	150 mm 5.315 in	1525 g 52.205 oz	M 95 x 1 (filter) bay. 104 (lens hood)
Sonnar 250mm f/5.6	PQS	5.6 – 45	1/1000	18/13°	4 / 3	∞ – 2.5 m ∞ – 8.202 ft	82.5 mm 3.248 in	170 mm 6.693 in	1150 g 40.565 oz	Rollei size VI bayonet
Sonnar 250mm f/5.6	EL	5.6 – 45	1/500	18/13°	4 / 3	∞ – 2.5 m ∞ – 8.202 ft	82.5 mm 3.248 in	170 mm 6.693 in	1150 g 40.565 oz	M 67 (inside) VI (outside)
Apo-Tele-Xenar 300mm f/4	PQ	4 – 32	1/500	15/11°	6 / 6	∞ – 3.2 m ∞ – 10.499 ft	101 mm 3.976 in	262 mm 10.315 in	2000 g 70.548 oz	M 95 x 1
Tele-Tessar 350mm f/5.6	PQS	5.6 – 45	1/1000	13/9°	4 / 4	∞ – 5 m ∞ – 16.404 ft	90 mm 3.543 in	227 mm 8.937 in	1650 g 58.202 oz	M 86 x 1
Tele-Tessar 500mm f/8	EL	8 – 64	1/500	9/6°	5 / 3	∞ – 8.5 m ∞ – 27.887 ft	100 mm 3.937 in	316 mm 12.441 in	1995 g 70.372 oz	M 86 x 1
Tele-Tessar 1000mm f/8	PQ	8 – 64	1/500	4.5/3°	4 / 4	∞ – 21 m ∞ – 68.898 ft	215 mm 8.465 in	790 mm 31.102 in	8740 g 308.294 oz	–
PCS-Super-Angulon 55mm f/4.5	PQ	4.5 – 32	1/500	70/85°	10 / 8	∞ – 0.5 m ∞ – 1.640 ft	104 mm 4.094 in	155 mm 6.102 in	1650 g 58.202 oz	Rollei size bayonet 104 dia.
AF-Variogon 60 – 140mm f/4.6*	PQS	4.6 – 32	1/1000	67/50° 32/23°	13 / 11	∞ – 0.7 m ∞ – 2.297 ft	119 mm 4.685 in	210 mm 8.268 in	2400 g 84.658 oz	M 122 x 1 filter adapter
Variogon 140 – 280mm f/5.6	PQ	5.6 – 45	1/500	32/23° 16/11°	17 / 14	∞ – 2.5 m ∞ – 8.202 ft Makro	94 mm 3.701 in	238 mm 9.370 in	1750 g 61.729 oz	M 95 x1/ 93 mm drop-in-filter

*Only Rolleiflex 6008 AF **Only Rolleiflex 6008 AF – in preparation

Fast film and magazine change in any situation

Interchangeable 6 x 6 magazines with preloadable film inserts

The film speed is comfortably set on the magazine.

Magazine change takes a matter of seconds thanks to the laminar drawslide integrated in the magazine. There is no more hassle searching for separate drawslides.

Preloadable film inserts make it possible to work fast and change films easily and safely.
All interchangeable magazines of the System 6000 can be used. This also guarantees tremendous flexibility and a safe investment in the future:

- 6 x 6/120 magazines for 12 exposures and 6 x 6/220 for 24 exposures.
- 4560 magazine for 120/220 roll films with 16/32 exposures. Can be switched over from horizontal to vertical format.
- Instant picture magazine for 10 exposures 6 x 6 on 8.5 x 10.8 cm instant picture pack film.

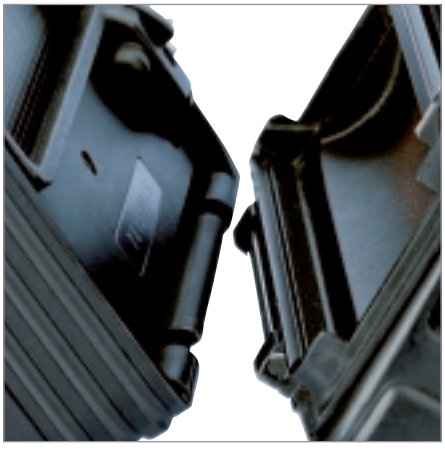
Fast magazine change through integrated laminar drawslide

All the magazines of the Rolleiflex 6000 system work with an interchangeable film insert. Several preloaded inserts will ensure virtually uninterrupted working.

Photographers who constantly change between colour and black-and-white or use films of different speeds can choose between interchangeable 6 x 6/120, 6 x 6/220 and the rotatable **4560 magazine**. All of them have a number of additional practical functions:

- The integral laminar drawslide in the magazine reduces the changeover time to a matter of seconds. It also prevents all the problems that come with conventional magazine drawslides.
- The shift bar is coupled with a lock to prevent unintentional "exposure" on the drawslide and inadvertent removal of the magazine when the film gate is still partly open.
- Warning displays in the finder indicate whether the drawslide is closed or not completely open, and when the film is ended.
- The integrated autowinding system automatically advances the film to frame 1 and rewinds it again at the end of the film.
- There is no quicker and safer way of changing the film.

Clip-on hinge for quick attachment of the Rollei interchangeable magazines



Gold contacts for reliable signal transmission/communication

New possibilities for 4.5 x 6 photography

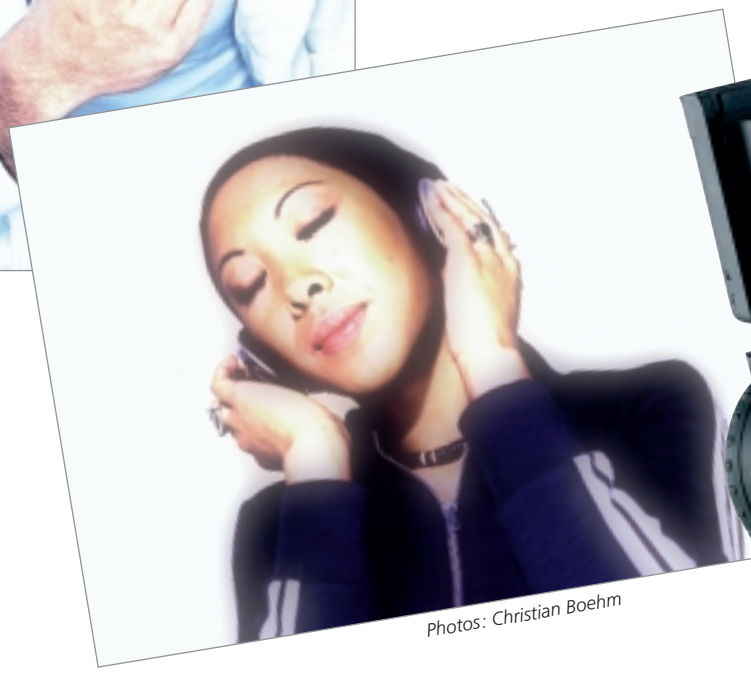
The Rollei magazine 4560
This magazine, designed specifically for the 4.5 x 6 format, can be easily turned round on the camera for horizontal or vertical format shots. The view through the finder and the way the camera is held remain unchanged.

Fast, comfortable working
Apart from the possibility of changing easily between vertical and horizontal format, the Rollei-specific advantages of the 6 x 6 magazine have been retained.

The Rollei interchangeable magazine 4560 can be easily switched round for horizontal or vertical format

Clear setting and display mode
The film speed and film type (120/220) are set on the back of the magazine. If desired, the frame number can also be transferred to the camera finder, as can the multi-exposure mode. The ISO setting and frame number are displayed on an LCD. Two button cells ensure that the data are saved when the magazine is removed.

Emphasis on safety
The 4560 magazine is fully integrated into the camera's control system. It informs the photographer about all the operating modes. The magazine itself is also protected to make it impossible to release the camera shutter when the drawslide is closed, to open or remove the magazine when the film gate is open, or to inadvertently open the drawslide with the magazine removed.



Photos: Christian Boehm

Going Digital

Photo: Studio Kollmorgen

Photography actually means "painting with light". But whether you do it using conventional film or a digital sensor has absolutely no bearing on composition. It is the result that counts. Meanwhile, digital image capture has become firmly established in professional photography. Digital techniques are the key to faster and safer printed matter of outstanding quality.

As early as 1991, Rollei introduced its ScanPack, a highly precise digital back with a line sensor for still-life photography. It was followed by the ChipPack which allowed black-and-white one-shots and four-shots for colored stills. Today, Rollei is keeping abreast by cooperating with leading manufacturers of digital backs.

For the latest Rollei medium-format cameras, the 6008 AF and 6008 Integral2, Rollei has followed the dynamic development of new digital backs, dividing their uses into three categories:
1-Shot: Fashion, people, nature, architecture.
4-Shot: Stills with perfect color rendition.
16-Shot: Stills with absolutely perfect detail and color rendition.

The 16-shot mode (double resolution) makes extreme requirements of the camera.
Even minimal vibrations (caused by the auxiliary shutters of other makers of medium-format cameras) result in quality-degrading blur.

The Rolleiflex 6008 AF and the 6008 Integral2 fully satisfy the high requirements that are made of cameras that may be used with digital backs:

- Gold-plated contact strips for rapid and fast communication between camera components.
- Absolute freedom from vibration due to linear-motor-controlled shutter. There is absolutely no mechanical movement within the camera during the 4/16 exposures.

For the user, this means that his camera hardware is a safe investment. The high quality required by digital image capture can only be satisfied by a camera system on a par with this technology. The Rollei 6008 AF and 6008 Integral2 are up to that task.

1

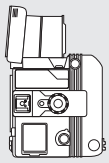
2

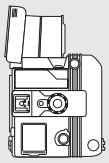
1 Gold-plated contact strips for the dialog between camera and digital back.
2 Gold-plated contact strips for the dialog between camera and lens.

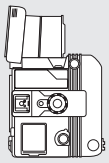
Picture taken in 1/4-shot mode

Picture taken in 16-shot mode

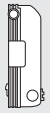
Photos: Rolf Nachbar

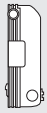

Rolleiflex 6008 AF


Rolleiflex 6008 integral2

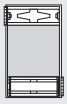

Rolleiflex 6001 professional


Handgrip


6x6/120 Magazine


6x6/220 Magazine

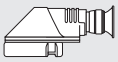

4560 Magazine


Film insert


Electronic shutter


Interchangeable focusing screens


45° Prism finder

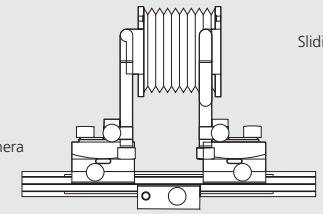

90° Telescopic viewfinder


Spot-metering back


Average-metering back


Instant-film magazine

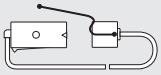

Sizes 0/1 view-camera lenses


X-Act$_2$ Monorail camera

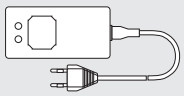

Sliding adapter


6x6 Magnifier with base frame


12V Power-supply adapter

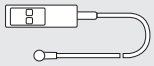

External battery adapter


Battery box


Rapid charger

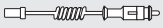

PanShot


LensControl S


Remote release RC 120


Nicad battery

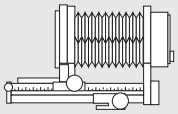

PowerInterface


Car-battery cable


F-Distagon 30 mm f/3.5 HFT PQ


M39/40 Behind-the-lens shutter


Apo-Symmar 150 mm f/4.6 HFT PQ


Bellows unit


Zoom extension tube 22-68 mm


Circular polarizing filter


Zeiss Softar I


Zeiss Softar II


Gelatine-filter holder, size VI

Lens hood for 50 mm f/4 + 60 mm f/3.5

2x Teleconverter

1.4x Longar teleconverter

Matte box

Reversing adapter

Extension tube 67 mm

Extension tube 34 mm

Extension tube 17 mm

Extension tube 9 mm

Lens hood for 40 mm f/4

Distagon 50 mm f/4 FLE HFT PQ

Super-Angulon 40 mm f/3.5 HFT PQ

SCA-356 Flash adapter

SCA-3562 Flash adapter

Rapid tripod lock

Rapid focusing lever

Shoulder strap

Lens hood for 80-250 mm

Distagon 60 mm f/3.5 HFT PQ

Super-Angulon 50 mm f/2.8 HFT PQS

1.4x AF-Longar teleconverter

AF-Super-Angulon 50 mm f/2.8 HFT PQS (in preparation)

AF-Xenotar 80 mm f/2.8 HFT PQS

AF-Makro-Symmar 100 mm f/3.5 HFT PQS (in preparation)

Lens hood for AF 60-140 mm

AF-Variogon 60-140 mm f/4.6 HFT PQS

AF-Tele-Xenar 180 mm f/2.8 HFT PQ

Super-Angulon 55 mm f/4.5 HFT P

Distagon 50 mm f/4 HFT EL

Planar 80 mm f/2.8 HFT EL

Sonnar 150 mm f/4 HFT EL

Makro-Planar 120 mm f/4 HFT PQS

Xenotar 80 mm f/2 HFT PQ

Planar 210 mm f/2 HFT PQ

Sonnar 150 mm f/4 HFT PQS

Apo-Symmar 90 mm f/4 HFT PQS

Variogon 75-150 mm HFT PQ

Sonnar 250 mm f/5.6 HFT PQS

Tele-Tessar 500 mm f/8 HFT EL

Variogon 140-280 mm HFT PQ

Tele-Tessar 350 mm f/5.6 HFT PQS

Lens hood for 180 mm f/2.8

Tele-Xenar 180 mm f/2.8 HFT PQ

Apo-Tele-Xenar 300 mm f/4 HFT PQ

Tele-Tessar 1000 mm f/8 HFT

Rolleiflex 6008 AF · Rolleiflex 6008 integral2
Professional superiority – down to the last detail

Type
Single-lens reflex camera with multi-mode automatic exposure control, variable metering pattern, TTL autoflash (SCA-3000) and motorized film advance.

AF mode (6008 AF)
AF-H sensor (3-zone sensor)
Use of older lenses is possible with focus indicator

Frame sizes
6 x 6 cm and 4.5 x 6 cm

Film types
120 and 220 rollfilm for 12/24 exposures of 6 x 6 cm or 16/32 exposures of 4.5 x 6 cm.
Instant film packs for 10 exposures of 6 x 6 cm

Film speed
ISO 25/15° to 6400/39°
in 1/3 steps, adjustable on the film magazine

Shutter
Electronically controlled leaf shutter from 1/1000 sec (PQS lenses) to 30 sec plus B

Exposure metering
1. Centre-weighted multi-zone metering
2. Spot metering by photodiode in centre of frame (approx. 1 % of frame area)
3. Multi-spot metering by metering and storing up to five individual values
4. Automatic stray-light compensation during metering and exposure

Exposure modes
1. Shutter priority AE
2. Aperture priority AE
3. Program AE with fastest shutter speed priority
4. Metered manual in 1/3 steps

Metering ranges
1. Exposure metering
   EV -1 to EV 19 at ISO 100/21°
   with 80 mm f/2 lens
2. AF range (6008 AF)
   EV 0 to EV 19 at ISO 100/21°
   with 80 mm f/2 lens
3. TTL flash 25 – 1600 ISO

Exposure lock
Functions with all auto programs, stores speed and aperture as exposure values

Exposure correction
1. Manually in 1/3 steps from -4 1/3 to +2 EV
2. Autobracketing (S ± position) (in 1/3 EV or 2/3 EV intervals)

Automatic flash
TTL flash metering on the film plane. Flash-ready and exposure control in the finder. Automatic flash switch-on possible with Metz dedicated flash units in poor available light, additional fill-in flash

TTL studio preflash exposure metering
In conjunction with studio flash units

Flash synchronisation
With all shutter speeds from 1/1000 to 30 sec, hot shoe with flash terminal and contacts for dedicated flash units from Metz. New SCA interface via Rollei's SCA 3562 Adapter

Multiple exposures
1. With film advance disengaged in ME position of camera switch. Screen image permanently visible in the finder.
2. With film advance disengaged electronically without screen image e.g. for digital backs.

Reflex mirror
Pre-releasable instant return mirror with partially transmitting multi-coating and pneumatic mirror brake.
Setting can also be changed after pre-release.

Finder system
Supplied with folding hood with swing-out magnifier;
can be exchanged for prism finder, 90° eye-level finder or rigid hood.
Interchangeable focusing screens.
Super-bright high-D focusing screen also supplied.

Finder display
Illuminated LC finder display for focusing status, shutter speed and aperture (with 1/3 increments), exposure compensation with metered manual mode, exposure correction, spot/multi-spot mode, flash ready and flash autocheck, film speed, special modes, frame counter, horizontal/vertical format with 4.5 x 6 cm, battery status.
LC illumination controlled by exterior light and can be switched off.

Film transport
Automatic with built-in high-speed motor. Single exposures and continuous exposures up to 2 fps. Automatic film advance to frame 1. Automatic film rewind after exposure of last frame.

Power supply
Rechargeable NiCad sinter battery for approx. 200 exposures (fully charged battery, 20°C ambient temperature, camera switch-on time 60 sec, operating mode single AF, AF cycle close up – infinity – close up).
Quick-charge unit (100 – 240 V, 50/60 Hz) with automatic switch-over to trickle charge and 12 V socket for car battery.

Action grip
Clicks in four positions (for use with waist-level hood or eye-level prism finder), removable; leather strap also removable

Interchangeable magazines
6 x 6/120, 6 x 6/220 and 4560 magazines with built-in laminar drawslide, frame counter, film-speed input, film-type reminder and preloadable film insert.
Instant picture magazine for pack film (10 exposures of 6 x 6 cm), digital backs

Choices of custom functions and defaults
Via 'mode' switch
1. Flash sync time
2. Preflash metering
3. Self-timer
4. Display on/off
5. Silent running on/off
6. Film advance disengaged on/off
7. Centre weighting of exposure metering on/off
8. AF 3-zone metering (only AF model)
9. Burst control during continuous shooting
10. Automatic bracketing (±1/3 / ±2/3 EV)
11. Display of frame counter

Connections
1. 14-pin universal plug connection for cable release and other electrical release systems
2. Interface for digital backs and PC (Masterware)

PC link-up
Individual programming and control of all camera functions possible with the aid of optional Rollei Masterware for Windows. PC connection via 14-pin universal plug socket on the camera

Tripod
Rapid release with 1/4 and 3/8-inch tripod thread

Dimensions, weight
1. Without lens:
   143 x 139 x 124 mm;
   with 80 mm f/2.8 lens:
   143 x 139 x 176 mm
   (without hand strap)
2. Without lens:
   1500 g

We reserve the right to make technical modifications.

Printed in Germany · PA / Rehrmann / 08.03 · 75200.00.311

Rollei
Rollei Fototechnic GmbH · P.O. Box 3245 · D-38022 Braunschweig · www.rollei.de
Certified to DIN EN ISO 9001